EA Engineering, Science, and Technology, Inc., PBC
320 Gold Avenue SW, Suite 1300
Albuquerque, New Mexico 87102
Phone: (505) 224-9013

May 15, 2023

RECEIVED
By PSTB at 8:49 am, May 16, 2023

Mr. Tim Noger
New Mexico Environment Department
Petroleum Storage Tank Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505

4th Quarterly Groundwater Monitoring and BioTrap® Report
Santa Fe County Judicial Complex State Lead Site
327 Sandoval Street, Santa Fe, New Mexico
Facility ID: 53763 Release ID: 4597 Work Plan ID: 4268
Deliverable ID: 4268-4 Contract Number: 19-667-3200-0007

Dear Mr. Noger:

EA Engineering, Science, and Technology, Inc., PBC (EA) is pleased to submit the enclosed 4th Quarterly Groundwater Monitoring and Bio-Trap® Report for the Santa Fe County Judicial Complex State Lead Site located in Santa Fe, New Mexico. The report evaluates groundwater monitoring and Bio-Trap® sampling conducted in February-April 2023. The work was performed under EA's Professional Services Contract number 19-667-3200-0007 and in accordance with applicable requirements of the New Mexico Petroleum Storage Tank Regulations and work plan identification (WPID) number 4268, approved by the New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau (PSTB) on March 21, 2022. A 30-day time extension was approved for Deliverable ID 4268-4 on January 12, 2023.

EA intends to invoice a reduced amount of $62,887.75 (including NMGRT of 7.75%) for Deliverable ID 4268-4. Wells MW-11, TWN-2, and TWN-3 were not sampled because PetroFix® was present in the wells. Well SVE-11D was not sampled for dissolved gases because of an obstruction that prevented the pump from being lowered to groundwater in the well.

If you have any questions regarding the information provided in this report, please do not hesitate to contact me at (505) 235-9037 or Vener at (505) 296-1070.

Sincerely,

EA Engineering, Science, and Technology, Inc., PBC

Michael D. McVey, P. G., C.P.G.
Senior Hydrogeologist

Vener Mustafin, P.E.
Senior Engineer

Enclosure
Cc: File

Fourth Quarterly Groundwater Monitoring and Bio-Trap® Report

Santa Fe County Judicial Complex

327 Sandoval Street, Santa Fe, New Mexico

PSTB Facility #53763
Release ID #4597
Work Plan ID #4268
Deliverable ID #4268-4
Contract #19-667-3200-0007

Submitted to:

New Mexico Environment Department
Petroleum Storage Tank Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico, 87505

Submitted by:

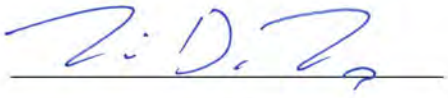
EA Engineering, Science, and Technology, Inc., PBC

320 Gold Avenue SW, Suite 1300
Albuquerque, NM 87102
Telephone: 505-224-9013

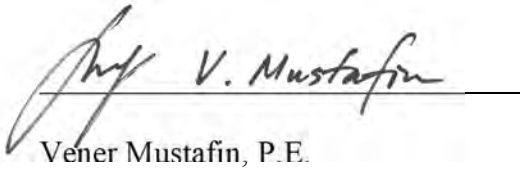
May 15, 2023

STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Signature: 

Name: Michael D. McVey, P.G., C.P.G.
Affiliation: EA Engineering, Science, and Technology, Inc., PBC
Title: Senior Hydrogeologist
Date: May 15, 2023

Signature: 

Name: Vener Mustafin, P.E.
Affiliation: EA Engineering, Science, and Technology, Inc., PBC
Title: Senior Engineer
Date: May 15, 2023

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I. INTRODUCTION

A. Contractual

EA Engineering, Science, and Technology, Inc., PBC (EA) is pleased to submit the 4th Quarterly Groundwater Monitoring and Bio-Trap Report for the Santa Fe County Judicial Complex (SFCJC) State Lead Site (the site) located at 327 Sandoval Street in Santa Fe, New Mexico ***(Figure 1)***. The work was completed under the following contractual and technical documents:

- EA's Professional Services Contract number 19-667-3200-0007.
- New Mexico Administrative Code, Title 20, Chapter 5, Part 119.
- EA's *Work Plan for Final Remediation Plan Implementation, Santa Fe County Judicial Complex State Lead Site, 327 Sandoval Street, Santa Fe, New Mexico,* approved by the New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau (PSTB) on March 21, 2022, under work plan identification (WPID) number 4268.
- Extension of time, approved by the NMED PSTB on January 12, 2023.
- EA standard operating procedures.

B. Completed Scope

The completed scope includes groundwater monitoring and microbial evaluation, which are presented and discussed in this report.

On February 17, 2023, EA deployed Monitored Natural Attenuation (MNA) Bio-Traps® into wells MW-1R, MW-4R, MW-11, TWN-3, SFCMW-10, and CMW-1, approximately 10 days after completion of the PetroFix® injection pilot test in the DeVargas plume. The Bio-Traps® were retrieved on April 5, 2023, and were sent to Microbial Insights Inc. (MI) in Knoxville, Tennessee for QuantArray Petro® and Census DNA (DHC – Dehalococcoides; DHBt – Dehalobacter; DCAR – 1,2 DCA Reductase) microbial analysis.

Between April 3 and April 5, 2023, EA conducted 4th quarter groundwater monitoring at the site. Fluid levels were gauged in monitoring wells CMW-1, CMW-3R, CMW-4, MW-1R, MW-4R, MW-6, MW-11, MW-15, SFCMW-01, SFCMW-02, SFCMW-03, SFCMW-07, SFCMW-10, SVE-1, SVE-3, SVE-11D, TWN-2, TWN-3, TWS-1, and TWS-4 using an electronic interface probe. Groundwater samples were then collected from 17 of the 20 monitoring wells above for laboratory analysis. Samples were not collected from wells MW-11, TWN-2, and TWN-3 because they contained elevated concentrations of PetroFix® that can cause interference and other issues with the laboratory analytical equipment. These wells can be sampled once the concentrations of PetroFix® decrease to below 100 milligrams per liter (mg/L).

II. SITE BACKGROUND

A. Description

The site is a consolidation of several underground storage tanks (UST) sites and other potential sources defined by Sandoval Street to the west, West de Vargas Street to the north, Galisteo Street to the east, and Montezuma Avenue to the south ***(Figure 1)***. The site consists of four groundwater plumes, or "hotspots," listed below:

- De Vargas plume in the northern portion of the site
- SFCJC plume in the middle portion of the site
- Design Center plume in the south-west portion of the site
- Capital 66 plume in the south-east portion of the site

The SFCJC, the District Attorney Building, Design Center, hotel, offices, and retail buildings are located within the area of the site.

B. Site Geology and Hydrogeology

The site is underlain by Quaternary Alluvium, which is comprised of brown, poorly sorted, weakly cemented, sand and gravel that unconformably overlies the Nambe Member in the Tesuque Formation of the Santa Fe Group. The Tesuque Formation consists of pinkish-red, weakly cemented, silty sand/clayey sand, and fine-grained sand ***(Figure 2)***.

The Tesuque Formation Aquifer serves as the City of Santa Fe's principal source of groundwater. Shallow groundwater in the Santa Fe area occurs either at or within 20 feet of the contact between the Quaternary alluvium and Tesuque Formation sediments. This shallow groundwater is locally controlled by buried channels, faults, and higher permeability zones at the top of the Tesuque Formation. The shallow aquifer has very low productivity and an estimated hydraulic conductivity of 0.2 to 0.4 ft/day. The shallow groundwater is vulnerable to contamination by near-surface sources, most commonly by leaking USTs. Groundwater flow velocities and maximum solute transport rates in the aquifer range from 0.015 to 0.09 ft/day (5.5 to 33 ft/year). At locations where a strong vertical gradient exists, the shallow, contaminated groundwater may migrate vertically through high-permeability faults, fractures, and bedding planes to deeper portions of the Tesuque Formation aquifer.

At the site, groundwater is present at depths ranging from 20 feet to 36 feet below the ground surface (bgs). Groundwater depths differ on either side of Cerrillos Road. To the west of Cerrillos Road, the depth to groundwater is 10 feet deeper than on the east side with a shallow gradient of about 0.001 compared to 0.03 on the east side of Cerrillos Road. The predominant groundwater flow direction is to the north-northwest. Groundwater flow is restricted from east to west by a subsurface discontinuity, which is believed to be a fault based on published reports (Spiegel and Baldwin, 1963). A historical summary of fluid level measurements is provided in ***Table 1***.

C. Previous Corrective Actions

Since 2009, several corrective actions have been performed at the site:

- Thermally enhanced soil vapor extraction (SVE),
- Ozone injection
- Chemical oxidation using hydrogen peroxide
- Mobile dual-phase extraction (MDPE) followed by installation of Regenesis Oxygen Releasing Compound-Advanced (ORC-A) socks

A summary of the salient historical events that have occurred at the site is provided below:

- Between 2003 and 2009, Phase 1 and 2 corrective action activities were performed at the 210 & 218 Montezuma Avenue UST site (Montezuma Avenue) under contract to the responsible party.
- In 2009, the Montezuma Avenue site was included in a State Lead remediation procurement that included the Former Capital 66 UST site (Capital 66), the SFCJC, and surrounding properties. The site was collectively referred to as the SFCJC.
- In 2009, following the award of the State Lead contract, three separate phases of SVE system operation were implemented at the site.
- Between November 2012 and November 2013, SVE-1, SVE-3, SVE-4, and SVE-6 were used for ozone sparging to address elevated dissolved-phase contaminant concentrations.
- In February 2015, the ozone sparge equipment was dismantled.
- Between September 2013 and May 2014, five hydrogen peroxide injection events were conducted.
- In October 2017, three 48-hour MDPE events were conducted. MDPE was focused on dissolved-phase "hot spots" in the vicinity of the Design Center (using MW-1R, MW-4R, and TWS-4 as extraction wells), Montezuma Avenue (using SFCMW-01, SFCMW-10, MW-6, and SVE-3 as extraction wells), and the West De Vargas Condominiums (using MW-11, MW-14, TWN-2, and TWN-3 as extraction wells). Results showed generally low petroleum concentrations in soil vapor of 11 to 42 micrograms per liter (µg/L) total petroleum hydrocarbons gasoline-range organics (TPH-GRO) and that soil was clean. A total of approximately 17,000 gallons of petroleum-contaminated groundwater were extracted and disposed of during the MDPE events.
- In October 2017, after the completion of the MDPE events, ORC-A socks were installed in each of the MDPE wells, except the two Santa Fe County wells (SFCMW-01 and SFCMW10). Wells SVE-1 and SVE-5 had socks installed as substitutes for the Santa Fe County wells.
- Groundwater monitoring has been ongoing at the SFCJC State Lead Site since 2009. Investigation and groundwater monitoring activities were conducted before 2009 at individual sites that were later rolled into the SFCJC State Lead Site, such as Montezuma Avenue and Capital 66.

D. 2023 PetroFix® Injection Pilot Test in the DeVargas Plume

Injection Well Installation

To facilitate the PetroFix® injection pilot test in the DeVargas plume, EA installed 25 injection wells, designated DV-1 through DV-25, on 7.5-foot centers in the parking lot on the north side of the District Attorney building ***(Drawings C-1 and C-2)***. Well construction details are provided below:

	inches	*feet bgs*	*feet bgs*	*inch*	*inch*					
Well	**Borehole Diameter**	**Well Depth**	**Top of Well Screen**	**Well Diameter**	**Screen Slot**	**Method**	**Material**	**Filter Pack**	**Bentonite Plug**	**Well Seal**
DV-1	8	38.3	23.3	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-2	8	38.5	23.5	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-3	8	35.2	20.2	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-4	8	37.9	22.9	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-5	8	39.6	24.6	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-6	8	32.5	17.5	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-7	8	33.2	18.2	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-8	8	39.0	24.0	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-9	8	37.2	22.2	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-10	8	39.9	24.9	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-11	8	38.5	23.5	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-12	8	39.7	24.7	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-13	8	37.2	22.2	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-14	8	38.1	23.1	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-15	8	32.8	17.8	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-16	8	38.1	23.1	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-17	8	36.6	21.6	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-18	8	37.5	22.5	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-19	8	38.7	23.7	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-20	8	37.7	22.7	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-21	8	38.4	23.4	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-22	8	38.2	23.2	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-23	8	38.0	23.0	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-24	8	38.8	23.8	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout
DV-25	8	38.5	23.5	2	0.020	HSA	Sch. 40 PVC	10/20	3/8-inch	Grout

The filter pack was placed 1.5-2 feet above the top of the well casing.
The bentonite plug was 1.5-2.0 feet thick and placed above the filter pack.
HSA = hollow-stem auger

PVC = polyvinyl chloride
Well vaults were steel 12-inch diameter round, bolted, 12-inch steel skirt

Well Construction Specifications	
Item	**Specification**
Contractor	Enviro-Drill Inc.
Drill Rig	CME-75 Hollow Stem Auger Drill Rig
Augers	7-inch Nominal Diameter Hollow-Stem
Well Casing	Campbell MonoFlex, 2" x 10' Schedule 40, Flush-Threaded Enviro-Wrapped
Well Screen	Campbell MonoFlex, 2", Schedule 40 PVC, 0.020-slot, Flush-Threaded, Enviro-Wrapped
Filter Pack	Gillibrand Co. 10/20 Silica Sand
Bentonite Chips	Halliburton Hole Plug 3/8-inch Coarse-Grade Wyoming Sodium Bentonite
Bentonite	Baroid Quick-Grout Bentonite Grout
Cement	Salt River Materials Group Phoenix Type I/II/V Cement
Concrete	Quikrete ProFinish 5,000-psi High-Strength Concrete Mix

PetroFix® Injection

In July 2022 and February 2023, the following quantities of PetroFix® were injected into injection wells DV-1 through DV-25 in the De Vargas plume (Drawing C-2). Provided below are the injected totals, design quantities for 20% target pore volume and 20% effective porosity, and the variance between the injected quantities and the design.

Units	*gallons*	*pounds*	*gallons*		*feet bgs*	
Parameter	**PetroFix® Volume**	**Electronic Acceptor Mass**	**Total Solution Volume**	**Number of Points**	**Target Zone**	**Method**
July 2022	91	45	1,569	3	25-40	Injection Wells
February 2023	999	502	9,382	25	25-40	Injection Wells
Total Injected	***1,090***	***547***	***10,951***	***25***	***25-40***	***Injection Wells***
Design	***998***	***489***	***10,922***	***25***	***25-40***	***Injection Wells***
Variance	***92***	***58***	***29***	***No Variance***	***No Variance***	***No Variance***

feet bgs = feet below ground surface

July 2022 Injection

The initial injection took place in July 2023. At that time, PetroFix® solution was injected into DV-1, DV-5, and DV-12, as follows:

Units	*gallons*	*pounds*	*gallons*	*gallons*	*gallons*
Well	**PetroFix®**	**Electron Acceptor**	**Injectate Volume**	**Chase Water**	**Total Volume**
DV-1	30.2	15	423	100	523
DV-5	30.2	15	423	100	523
DV-12	30.2	15	423	100	523

February 2023 Injection

In February 2023, the target volume could not be injected into wells DV-1 through DV-5. After injection of 60-75 gallons, the injection pressure spiked to 60-80 pounds per square inch by the

gauge (psig), and flow seized. The assembly on DV-4 was blown off the wellhead. The first injection at these points was performed on February 3, 2023, the second injection was performed on February 4, 2023, and the third on February 6, 2023. All attempts resulted in a similar performance. PetroFix® and electron acceptors designated for DV-1 through DV-5 were reapportioned into DV-7 through DV-15. Therefore, the total design volume/mass of PetroFix® and electron acceptors was injected at the site; however, the volume of water was less than projected. The details are provided below:

			Design	39.92	19.56	434.9
	Actual			Variance		
Units	*gallons*	*pounds*	*gallons*	*gallons*	*pounds*	*gallons*
Well	**PetroFix® Volume Actual**	**Electron Acceptor Mass Actual**	**Total Solution Volume Actual**	**PetroFix® Volume**	**Electron Acceptor Mass**	**Total Solution Volume**
DV-1	15.3	7.7	158	**-25**	**-12**	**-277**
DV-2	15.3	7.7	158	**-25**	**-12**	**-277**
DV-3	15.3	7.7	158	**-25**	**-12**	**-277**
DV-4	7.0	3.5	68	**-33**	**-16**	**-367**
DV-5	3.5	1.0	20	**-36**	**-19**	**-415**
DV-6	58.7	29.7	515	19	10	80
DV-7	50	25.3	420	10	6	**-15**
DV-8	56.9	28.8	495	17	9	60
DV-9	56.9	28.8	495	17	9	60
DV-10	56.9	28.8	495	17	9	60
DV-11	53	26.6	410	13	7	**-25**
DV-12	53	26.6	410	13	7	**-25**
DV-13	53	26.6	410	13	7	**-25**
DV-14	52.8	26.6	555	13	7	120
DV-15	53	26.7	410	13	7	**-25**
DV-16	40	20	290	0	0	**-145**
DV-17	40	20	435	0	0	0
DV-18	39.8	20	435	0	0	0
DV-19	39.8	20	435	0	0	0
DV-20	39.8	20	435	0	0	0
DV-21	40	20	435	0	0	0
DV-22	39.4	20	435	-0.5	0	0
DV-23	40	20	435	0	0	0
DV-24	40	20	435	0	0	0
DV-25	40	20	435	0	0	0
Grand Total	**999**	**502**	**9,382**	**1.4**	**13**	**-1,490**

Injection Pressure and Flowrates

Units	*pounds per square inch*	*gallons per minute*
Well ID	**Average of Sustained Pressure**	**Average of Average Flow Rate**
DV-1	60	0.9
DV-2	60	0.7
DV-3	60	0.8
DV-4	80	1.0
DV-5	60	0.3
DV-6	20	1.1
DV-7	15	1.0
DV-8	20	1.2
DV-9	20	1.0
DV-10	20	1.2
DV-11	20	1.4
DV-12	20	1.4
DV-13	20	1.4
DV-14	10	1.7
DV-15	20	1.3
DV-16	20	1.2
DV-17	5	1.6
DV-18	15	1.7
DV-19	5	1.7
DV-20	10	1.7
DV-21	10	1.6
DV-22	10	1.7
DV-23	10	1.6
DV-24	15	1.6
DV-25	10	1.6
Average	**16.8**	**1.4**

Daily Injection Summary

Units	*gallons*	*pounds*	*gallons*
Date	**PetroFix® Volume**	**Electron Acceptor Mass**	**Total Solution Volume**
02/03/23	28	14	305
02/04/23	248	125	1,975
02/05/23	399	200	4,350
02/06/23	195	97	1,552
02/07/23	130	66	1,200
Grand Total	**999**	**502**	**9,382**

III. ACTIVITIES PERFORMED DURING THIS MONITORING EVENT

A. Monitoring Activities Performed

Fluid Level Gauging

On April 3, 2023, EA field personnel gauged fluid levels in 20 monitoring wells, including CMW-1, CMW-3R, CMW-4, MW-1R, MW-4R, MW-6, MW-11, MW-15, SFCMW-01, SFCMW-02, SFCMW-03, SFCMW-07, SFCMW-10, SVE-1, SVE-3, SVE-11D, TWN-2, TWN-3, TWS-1, and TWS-4 with an electronic interface probe. A summary of current and historical groundwater gauging data collected from the monitoring well network is provided in ***Table 1*** and the potentiometric surface map is presented in ***Figure 2***.

Groundwater Sampling

To the extent possible, wells were sampled from historically clean to impacted to minimize the potential for cross-contamination. All equipment was decontaminated between wells with an Alconox™ solution. The Hanna multi-parameter water quality meter was calibrated and/or checked against a standard following the manufacturer's specifications before use.

Groundwater sampling was accomplished via hand-bailing for wells CMW-4, MW-6, MW-15, SFCMW-02, SFCMW-03, SFCMW-07, SVE-1, SVE-3, and TWS-1. Sampling was accomplished via the low-flow method for wells CMW-1, CMW-3R, MW-1R, MW-4R, SFCMW-01, SFCMW-10, and TWS-4. Wells MW-11, TWN-2, and TWN-3 were scheduled to be sampled; however, all three wells contained PetroFix® and were not sampled. Well SVE-11D was scheduled to be sampled via the low-flow method, but the well was obstructed and a pump could not be lowered into the well. A pencil bailer was instead used to sample the well.

A new, disposable polyethylene bailer was used at each hand-bailed well and new polyethylene tubing was used at each well for groundwater collected via the low-flow method. Well SVE-11D was not purged of three casing volumes prior to sampling due to the obstruction in the well and having to use a pencil bailer to purge; the remainder of hand-bailed wells were purged of three casing volumes prior to sampling. Purging of low-flow sampled wells was generally completed when field parameters within the last three readings stabilized to within 10% as outlined in the work plan.

Field parameters were recorded on the well sampling field forms provided in ***Appendix A***. Field parameter data are summarized in ***Table 2***. All purge water generated during the sampling event was discharged onto an impervious surface.

Groundwater sample analyses, preservation, holding times, and handling are summarized in ***Table 3***. VOC samples were collected such that no headspace existed in the sample vial. Samples were preserved in accordance with method requirements, collected, and immediately placed into coolers packed with ice. Samples were delivered under chain-of-custody to the Hall Environmental Analysis Laboratory in Albuquerque, New Mexico and analyzed for VOCs by EPA Method 8260B; for sulfate, nitrate, and nitrite by EPA Method 300.0; for sulfide by SM 4500S2 D-2011; and for dissolved iron and manganese by EPA Method 6010B. Groundwater was collected from

select wells for EDB analysis by EPA Method 8011/504.1 and dissolved gases analysis by Method RSK-175. The analytical laboratory report for groundwater samples is included in ***Appendix B***.

Bio-Trap® Sampling

On February 17, 2023, EA deployed MNA Bio-Traps® into wells MW-1R, MW-4R, MW-11, TWN-3, SFCMW-10, and CMW-1 to assess the biodegradation of benzene, toluene, ethylbenzene, and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), and alkanes in groundwater, particularly in the DeVargs plume where the PetroFix® injection pilot test was performed. After incubating for 46 days, the Bio-Traps® were retrieved on April 5, 2023, and sent to MI for QuantArray Petro® and Census DNA (DHC – Dehalococcoides; DHBt – Dehalobacter; DCAR – 1,2 DCA Reductase) microbial analysis. The QuantArray analysis provides quantification of the specific functional genes responsible for aerobic and anaerobic biodegradation of BTEX, PAHs, and a variety of short- and long-chain alkanes. The Census DNA analysis quantified dehalogens and functional genes responsible for the biodegradation of EDB and EDC. See ***Appendix C*** for the MI laboratory report.

V. RESULTS

This section presents the results of fluid gauging, groundwater, tap water, and Bio-Trap® sampling.

A. Groundwater Levels, Flow Direction, and Gradient

Below is a summary of the groundwater gauging results:

April 3, 2023 Depth to Water and Groundwater Elevations					
Minimum DTW	Average DTW	Maximum DTW	Minimum GW Elevation	Average GW Elevation	Maximum GW Elevation
21.85	28.36	32.15	6,951.11	6,953.07	6,961.10

DTW = depth to water, feet below the top of the well casing

GW = groundwater elevation, feet above mean sea level

The groundwater elevation at Capital 66 was approximately ten (10) feet higher than in the rest of the site. A groundwater divide runs along Cerillos Road (***Figure 3).*** Gauging results are shown in ***Table 1.***

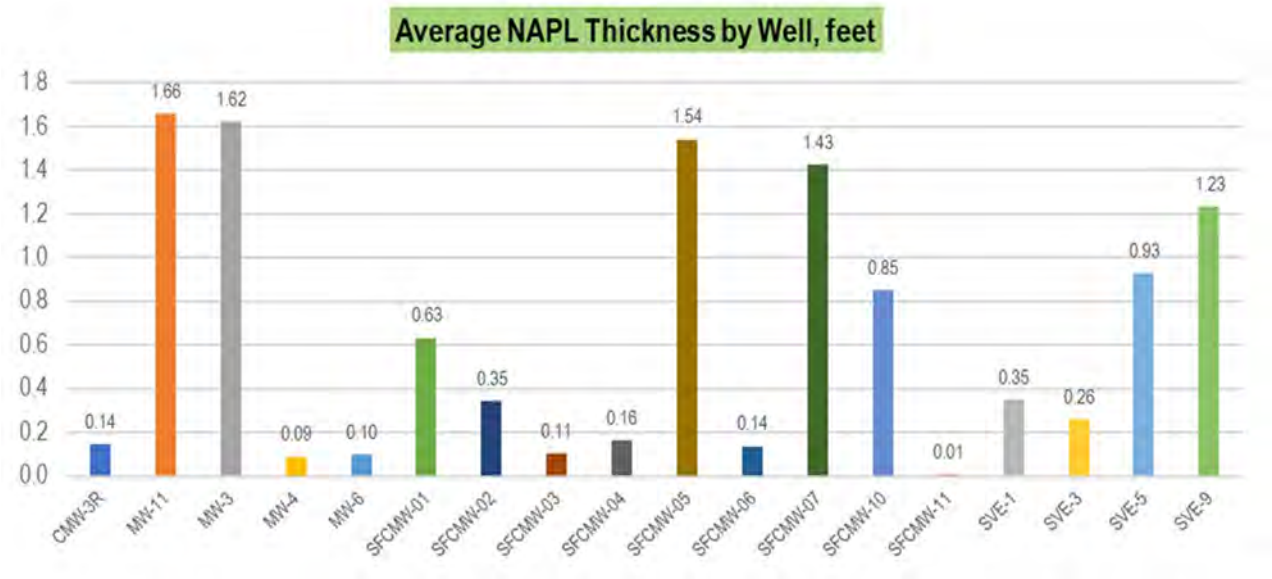
- At the De Vargas plume, the groundwater flow direction was to the south-southwest at gradients ranging from 0.005 to 0.013.
- At the SFCJC plume, the groundwater flow direction was to the east-northeast at gradients ranging from 0.002 to 0.005.
- At the Design Center plume, the groundwater flow direction was to the northeast at a gradient of 0.005.
- At the Capital 66 plume, the groundwater flow was to the southeast at a gradient of 0.007.

B. Nonaqueous-Phase Liquid (NAPL)

Nonaqueous-phase phase liquid (NAPL) was not observed in any of the site's wells during the 4th quarter monitoring event.

NAPL Thickness Statistics, feet			
Year	Average	Minimum	Maximum
2004	2.59	2.20	3.03
2005	1.42	0.78	2.75
2006	2.16	0.22	3.44
2007	1.02	0.03	2.19
2008	0.13	0.02	0.43
2009	0.61	0.01	2.54
2010	0.70	0.01	1.84
2011	0.19	0.03	0.61
2012	0.04	0.01	0.07
2013	0.08	0.06	0.11

Historically, NAPL was detected between 2004 and 2013 at the average thicknesses by year shown below. The NAPL thickness decreased over time and has not been detected in any of the wells since 2013.



C. Groundwater Analytical Results

Volatile Organic Compounds (VOCs)

The contaminants of concern (COCs) at the site include benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary butyl ether (MTBE), ethylene dibromide (EDB), ethylene dichloride (EDC), and total naphthalenes. Provided below is a summary of April 2023 results.

NMAC 20.6.2.3103	*5*	*1,000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Well	**Benzene**	**Toluene**	**Ethyl benzene**	**Total Xylenes**	**MTBE**	**EDB**	**EDC**	**Total Naphthalenes**	**BTEXN**	**Note**
CMW-1	810	77	32	100	< 1.0	0.018	12	37	1,056	
CMW-3R	160	59	39	720	< 20	< 20	< 8.0	230	1,208	
CMW-4	< 5.0	< 5.0	6.5	23	< 5.0	< 0.0094	< 5.0	< 20	60	
MW-11										PetroFix® in the well
MW-15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	18	< 10	8.5	
SFCMW-07	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.023	1.2	< 10	5.5	
TWN-2										PetroFix® in the well
TWN-3										PetroFix® in the well
MW-4R	1.9	7.6	15	79	< 1.0	< 0.0093	< 1.0	20	123	
TWS-1	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	5.5	
TWS-4	23	25	90	260	< 10	< 0.0094	< 10	28	426	
MW-1R	230	560	760	4,200	< 10	< 0.0093	< 10	408	6,158	
MW-6	< 10	11	260	760	< 10	< 10	< 10	317	1,358	
SFCMW-01	< 5.0	< 5.0	57	16	< 5.0	< 5.0	< 5.0	492	575	
SFCMW-02	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	5.5	
SFCMW-03	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	5.5	
SFCMW-10	14	< 10	< 10	20	< 10	< 10	< 10	4,170	4,224	
SVE-1	< 1.0	< 1.0	< 1.0	3.8	< 1.0	< 1.0	< 1.0	15	22	
SVE-3	< 10	10	78	340	< 10	< 10	< 10	810	1,248	
SVE-11D	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	5.5	

Concentrations are in micrograms per liter

Concentrations of the COCs were compared to the New Mexico Administrative Code (NMAC) 20.6.2.3103 Human Health standards for groundwater. A summary of the VOC groundwater sample analytical results for the current and historical monitoring events is presented in ***Table 4***. The analytical laboratory report is included in ***Appendix B***. The distribution of dissolved-phase hydrocarbons for the 4th quarter monitoring event is shown in ***Figure 4***.

A summary of the groundwater analytical results is provided below:

- Concentrations of VOC COCs were below laboratory reporting limits (RLs) and/or New Mexico Water Quality Control Commission (NMWQCC) standards in wells CMW-4, MW-4R, SFCMW-02, SFCMW-03, SFCMW-07, SVE-1, SVE-11D, and TWS-1.
- Concentrations of toluene, MTBE, and EDB were below the RLs and/or NMWQCC standards in all sampled wells.
- Benzene concentrations exceeded the 5 µg/L standard in groundwater samples collected from five (5) wells (CMW-1 [810 µg/L], CMW-3R [160 µg/L], MW-1R [230 µg/L], SFCMW-10 [14 µg/L], and TWS-4 [23 µg/L]).
- Ethylbenzene concentrations exceeded the 700 µg/L standard in the sample collected from one (1) well (MW-1R [760 µg/L]).
- Total xylene concentrations exceeded the standard of 620 µg/L in three (3) wells (CMW-3R [720 µg/L], MW-1R [4,200 µg/L], and MW-6 [760 µg/L]).
- EDC concentrations exceeded the 5 µg/L standard in samples collected from two (2) wells (CMW-1 [12 µg/L] and MW-15 [18 µg/L]).
- Total naphthalene concentrations exceeded the 30 µg/L standard in samples collected from seven (7) wells (CMW-1 [36.9 µg/L], CMW-3R [230 µg/L], MW-1R [408 µg/L], MW-6 [317 µg/L], SFCMW-01 [492 µg/L], SFCMW-10 [4,170 µg/L], and SVE-3 [810 µg/L]).

Dissolved Metals, Dissolved Gases, and Anions

Table 5 summarizes analytical results for dissolved metals, dissolved gases, and anions. The analytical laboratory report is included in ***Appendix B.***

- Dissolved iron was detected above the 1.0 mg/L standard in samples collected from five (5) wells (MW-1R [6.7 mg/L], MW-6 [8.7 mg/L], SFCMW-01 [1.1 mg/L], SFCMW-07 [1.4 mg/L], and TWS-4 [1.7 mg/L]).
- Dissolved manganese was detected above the 0.2 mg/L standard in samples collected from 14 wells (CMW-1 [2.7 mg/L], CMW-3R [2.7 mg/L], CMW-4 [0.34 mg/L], MW-1R [11 mg/L], MW-6 [9.6 mg/L], MW-15 [0.68 mg/L], SFCMW-01 [6.9 mg/L], SFCMW-02 [3.9 mg/L], SFCMW-07 [3.2 mg/L], SFCMW-10 [8.7 mg/L], SVE-1 [2.3 mg/L], SVE-3 [3.1mg/L], SVE-11D [2.5 mg/L], and TWS-4 [3.3 mg/L]).
- Methane was detected above the laboratory RL in two (2) wells (MW-1R [0.567 mg/L] and SFCMW-01 [0.0233 mg/L]). There is no standard for methane. No other dissolved gases were detected above the laboratory RLs in any of the samples.
- Total sulfide concentrations were below the laboratory RL in all samples. Since total sulfide is below the laboratory RL, hydrogen sulfide is not present in the samples. The

absence of detection indicates that the gas is not being generated after the injection of PetroFix®.

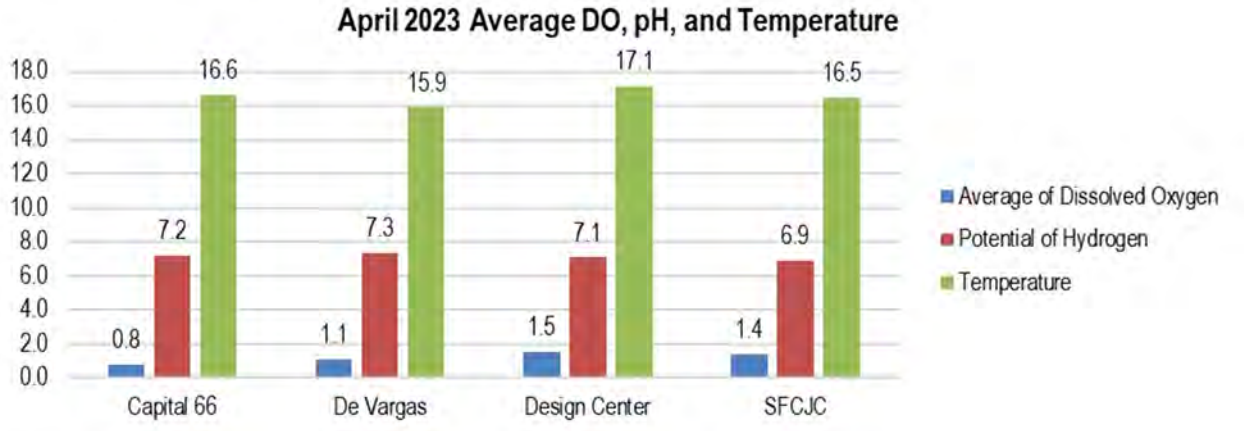
- Sulfate concentrations were below the 600 mg/L standard in all samples.
- Nitrate was detected above the 10 mg/L standard in samples collected from four (4) wells (CMW-4 [36 mg/L], MW-4R [15 mg/L], SVE-11D [28 mg/L], and TWS-1 [15 mg/L]).
- Nitrite was detected above the laboratory RL in two (2) wells (MW-15 [0.76 mg/L] and SFCMW-10 [0.54 mg/L]). There is no standard for nitrite.

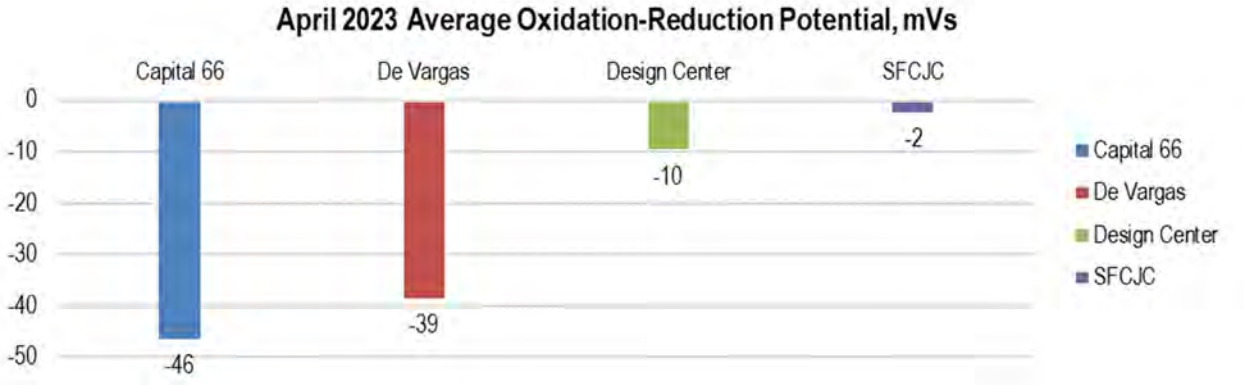
D. Bio-Trap® Sample Analytical Results

To evaluate the biodegradation, EA performed microbial evaluations using Bio-Traps® and QuantArray Petro® and Census DNA (DHC – Dehalococcoides; DHBt – Dehalobacter; DCAR – 1,2 DCA Reductase) microbial analyses, which provides quantification of the specific functional genes responsible for the aerobic and anaerobic biodegradation of BTEX, PAHs, and a variety of short- and long-chain alkanes, EDB, and EDC. Bio-Traps® were deployed into wells MW-1R, MW-4R, MW-11, TWN-3, SFCMW-10, and CMW-1, left to incubate, removed from the wells, and sent to MI laboratory for analysis, which is included in ***Appendix C***.

April 2023 Geochemical Parameters

The average geochemical parameters in all portions of the plume were similar. Groundwater was slightly aerobic, with a near-neutral pH, and temperature conducive to microbial activity.





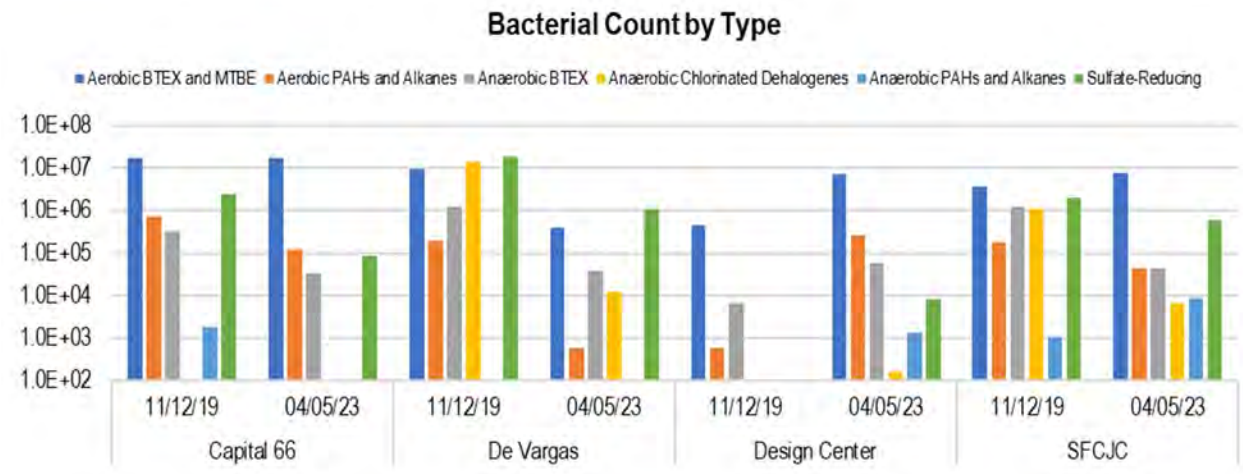
Conditions were more reducing at Capital 66 and De Vargas and less reducing at the Design Center and SFCJC.

Microbial Analysis

The aerobic and anaerobic biodegradation of petroleum hydrocarbon, anaerobic respiration of halogenated compounds, and sulfate respiration were observed.

April 2023 Bacterial Count	Wells					
Bacteria Type	**CMW-1**	**MW-11**	**MW-1R**	**MW-4R**	**SFCMW-10**	**TWN-3**
Aerobic BTEX and MTBE	**1.69E+07**	**2.50E+05**	**6.96E+06**	**7.31E+06**	**5.09E+05**	**1.34E+05**
BPH4	4.81E+03					
EDO		5.19E+04	8.50E+05	1.09E+06	2.79E+04	
PHE	2.40E+06	1.44E+05	2.78E+06	3.73E+06	1.88E+05	4.64E+04
PM1	7.27E+04					
RDEG	4.40E+06	2.49E+03	1.62E+06	2.13E+06	2.61E+05	2.77E+04
RMO	9.94E+06	5.20E+04	1.70E+06	3.30E+05	3.25E+04	6.03E+04
TBA	4.67E+04					
TOL			7.29E+03	2.63E+04		
Aerobic PAHs and Alkanes	**1.19E+05**	**1.09E+02**	**2.13E+04**	**2.54E+05**	**2.15E+04**	**4.62E+02**
ALKB	1.19E+05	1.09E+02	1.62E+04	2.45E+05	4.04E+03	4.62E+02
NidA			5.09E+03	9.43E+03	1.75E+04	
Anaerobic BTEX	**3.29E+04**	**3.29E+04**	**1.50E+04**	**5.92E+04**	**3.00E+04**	**5.76E+03**
BCR	2.77E+04	2.52E+04	1.49E+04	2.59E+04	2.16E+04	3.49E+03
bssA	5.15E+03	7.69E+03	1.07E+02	3.33E+04	8.36E+03	2.27E+03
Anaerobic Chlorinated Dehalogenes		**1.19E+04**		**1.56E+02**	**6.43E+03**	
DHBt		1.19E+04			6.43E+03	
DHC				1.56E+02		
Anaerobic PAHs and Alkanes				**1.33E+03**	**8.33E+03**	
assA				1.33E+03	9.05E+01	
mnssA					8.24E+03	
Sulfate-Reducing	**8.38E+04**	**8.87E+05**	**4.80E+05**	**7.94E+03**	**8.66E+04**	**1.51E+05**
APS	8.38E+04	8.87E+05	4.80E+05	7.94E+03	8.66E+04	1.51E+05
Total Eubacteria	**7.12E+08**	**2.41E+07**	**8.65E+07**	**2.77E+08**	**1.68E+07**	**2.28E+07**
EBAC	7.12E+08	2.41E+07	8.65E+07	2.77E+08	1.68E+07	2.28E+07
Values are in counts per bead						

- The aerobic biodegradation of BTEX and MTBE was the dominant process in all portions of the plume. The most robust activity was in CMW-1, MW-1R, and MW-4R.
- Anaerobic biodegradation of naphthalenes was high in CMW-1 and MW-4R and moderate in MW-1R and SFCMW-10.
- Sulfate respiration was high in MW-11, MW-1R, and TWN-3, and moderate in CMW-1 and SFCMW-10.



When compared to the November 2019 data, microbial activity increased at Capital 66, Design Center, and SFCJC portions of the plume and decreased at De Vargas.

Total Detected Microbial Counts, counts per bead

Well, Stimulation, Augmentation	11/12/19	04/05/23
Capital 66		
CMW-01 Bio-Stim Nitrate, Sulfate	1.13E+07	
CMW-01 MNA	9.12E+06	
CMW-1		1.71E+07
De Vargas		
MW-11	3.38E+06	1.18E+06
TWN-03 Bio-Aug SDC-9, Sulfate	3.44E+07	
TWN-03 Bio-Stim Nitrate, Sulfate	1.21E+06	
TWN-03 MNA	3.97E+06	
TWN-3		2.92E+05
Design Center		
MW-4R	4.54E+05	7.63E+06
SFCJC		
MW-1R		7.47E+06
MW-1R Bio-Stim Nitrate	2.05E+06	
MW-1R Bio-Stim Nitrate, Sulfate	8.21E+05	
MW-1R MNA	3.39E+06	
SFCMW-10		6.62E+05
SFCMW-10 Bio-Stim Nitrate, Sulfate	8.70E+05	
SFCMW-10 MNA	9.96E+05	

Overall, the evidence suggests that aerobic and anaerobic respiration of petroleum hydrocarbons and halogenated compounds is ongoing. Nitrate has been mostly used up for nitrogen respiration and bacterial cell structure and oxygen, sulfate, iron, and manganese are available as electron acceptors to sustain the biodegradation.

E. Statement Verifying Containment of Release

Four groundwater "hot spots" remain present at the site based on the current monitoring event (***Figure 4***). The "hot spots" are located in (1) the area of the former Capitol 66 (Capitol 66 Plume), (2) the area south of 210 & 218 Montezuma Avenue, and between the Attorney General Complex and the Design Center (the Design Center Plume), (3) the area east and southeast of the SFCJC parking garage (the SFCJC Plume), and (4) the West DeVargas Condominium parking lot north of the SFCJC and the District Attorney building (the DeVargas Plume). The extent of contamination decreased at De Vargas after the injection of PetroFix®. The extent also decreased at the Design Center.

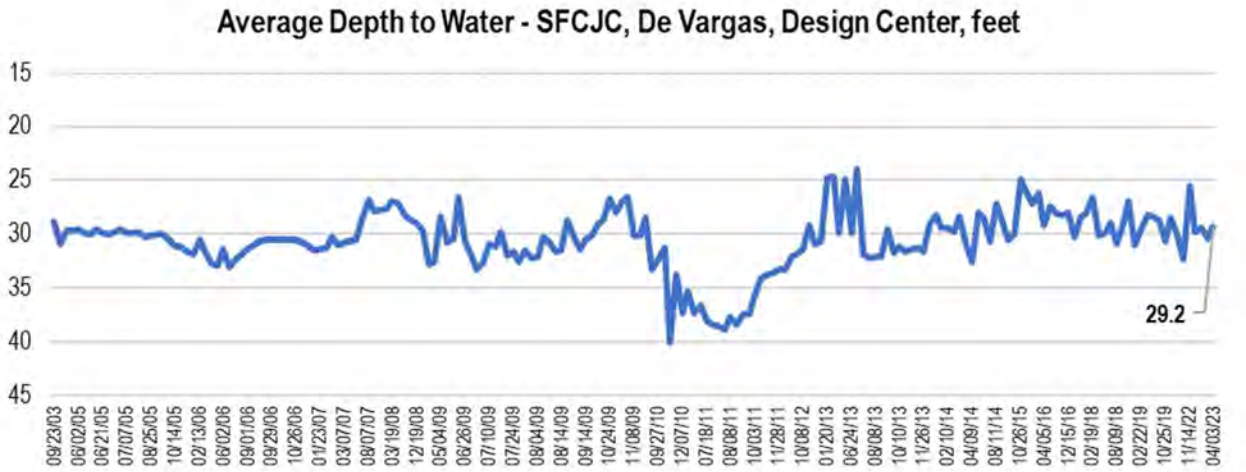
VI. SUMMARY AND CONCLUSIONS

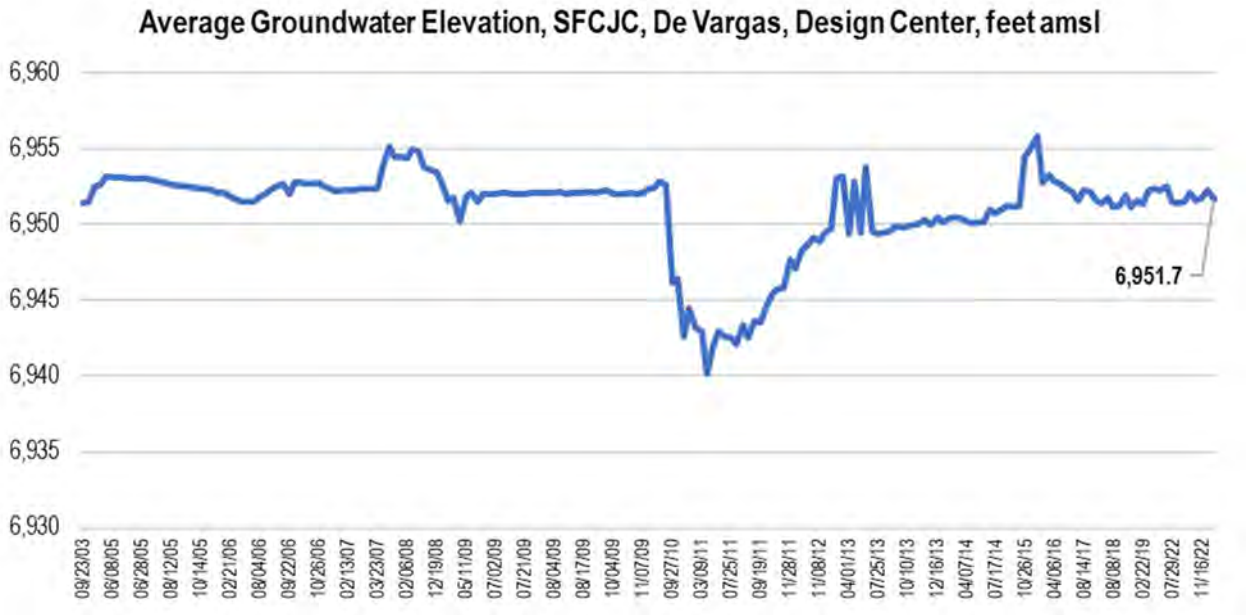
This section summarizes the results, contains a brief discussion of site trends, and provides recommendations for future site activities.

A. Discussion of Trends or Changes

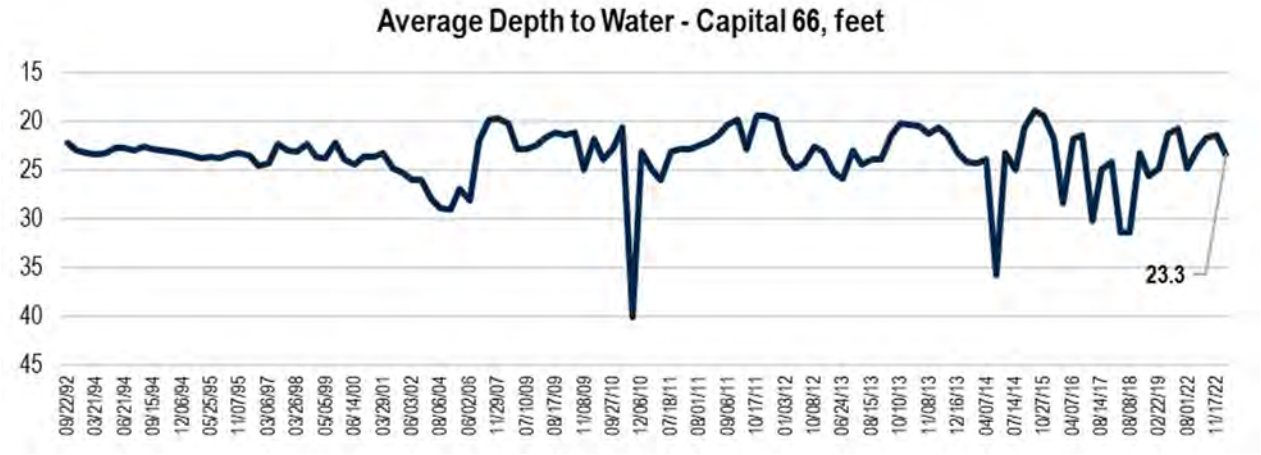
Groundwater Elevations

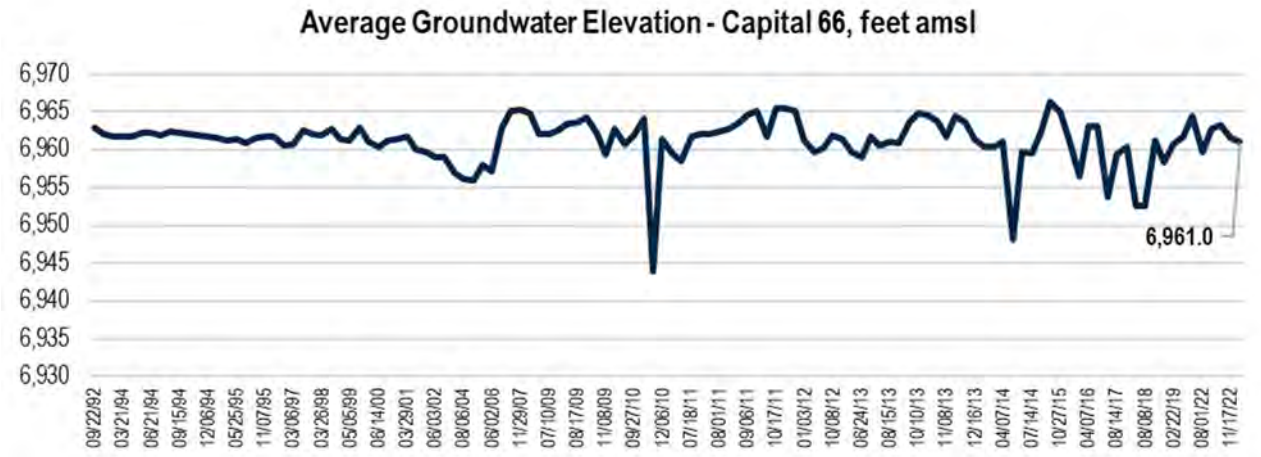
The average groundwater levels remain near the average historic values.





At Capital 66, the depth to groundwater is typically 5-6 feet and groundwater elevation is 10 feet shallower than in the rest of the plume.





Hydrographs are provided in A***ppendix D***.

Nonaqueous-Phase Liquid (NAPL)

Nonaqueous-phase phase liquid (NAPL) has not been detected at the site since 2013.

Volatile Organic Compounds (VOCs)

A discussion of trends in contaminant concentrations since the last monitoring event in November 2022 is presented below:

- Toluene, MTBE, and EDB were not detected at concentrations above laboratory RLs or their respective NMWQCC standards in any of the sampled wells during this monitoring event.

- BTEX constituents were not detected at concentrations above laboratory RLs or their respective standards during this monitoring event in wells CMW-4, MW-4R, SFCMW-02, SFCMW-03, SFCMW-07, SVE-1, SVE-11D, and TWS-1.

- Benzene concentrations increased in wells CMW-1 (83 to 810 µg/L0 and CMW-3R (88 to 160 µg/L) and decreased in wells MW-1R (240 to 230 µg/L), MW-4R (870 to 1.9 µg/L), SFCMW-10 (19 to 14 µg/L), SVE-3 (53 to <10 µg/L), and TWS-4 (110 to 23 µg/L) since the last monitoring event. Benzene concentrations remain above the NMWQCC standard of 5 µg/L in wells CMW-1, CMW-3R, MW-1R, SFCMW-10, and TWS-4.

- Toluene concentrations decreased to below the NMWQCC standard of 1,000 µg/L in wells MW-1R (1,200 to 560 µg/L) and MW-4R (10,000 to 7.6 µg/L) since the last monitoring event.

- Ethylbenzene concentrations decreased in wells MW-1R (1,300 to 760 µg/L) and MW-4R (1,100 to 15 µg/L) since the last monitoring event. The concentration continues to exceed the NMWQCC standard of 700 µg/L in well MW-1R.

- Total xylene concentrations increased in well MW-6 (440 to 760 µg/L) and decreased in wells CMW-3R (1,000 to 720 µg/L), MW-1R (8,800 to 4,200 µg/L), MW-4R (6,800 to 79 µg/L), SVE-3 (2,600 to 340 µg/L), and TWS-4 (1,500 to 260 µg/L) since the last monitoring event. The concentrations continue to exceed the NMWQCC standard of 620 µg/L in wells CMW-3R, MW-1R, and MW-6).

- EDB concentrations decreased to below the NMWQCC standard of 0.05 µg/L in wells CMW-1 (0.1 to 0.018 µg/L), CMW-3R (0.079 to <20 µg/L), MW-4R (0.9 to <0.093 µg/L), and SFCMW-07 (0.08 to 0.023 µg/L) since the last monitoring event.

- EDC concentrations increased in well CMW-1 (<1.0 to 12 µg/L) and decreased in well MW-15 (25 to 18 µg/L) since the last monitoring event. The concentration in CMW-1 now exceeds the NMWQCC standard of 0.05 µg/L and the concentration in MW-15 continues to exceed the standard.

- Total naphthalene concentrations increased in wells CMW-1 (9.7 to 36.9 µg/L), SFCMW-01 (376 to 492 µg/L), SFCMW-10 (2,810 to 4,170 µg/L), and SVE-3 (607 to 810 µg/L) and decreased in wells CMW-3R (840 to 230 µg/L), CMW-4 (39 to <20 µg/L), MW-1R (960 to 408 µg/L), MW-4R (673 to 19.7 µg/L), MW-6 (375 to 317 µg/L), SFCMW-07 (52 to <4.0 µg/L), TWS-1 (47.9 to <4.0 µg/L), and TWS-4 (281 to 28 µg/L) since the last monitoring event. The concentration in well CMW-1 now exceeds the NMWQCC standard of 30 µg/L and the concentrations in wells CMW-3R, MW-1R, MW-6, SFCMW-01, SFCMW-10, and SVE-3 continue to exceed the standard.

VOC groundwater analytical results are summarized in ***Table 4*** and trends in ***Appendix E***.

Dissolved Metals

- Dissolved iron concentrations increased in wells MW-1R (3.6 to 6.7 mg/L) and SFCMW-01 (0.78 to 1.1 mg/L) and decreased in wells MW-6 (13 to 8.7 mg/L), SFCMW-07 (2.6 to 1.4 mg/L), SVE-3 (1.0 to 0.74 mg/L), and TWS-4 (3.0 to 1.7 mg/L) since the last monitoring event. The concentrations in well SVE-3 no longer exceed the NMWQCC standard of 1.0 mg/L and the concentrations in the other wells listed above continue to exceed the standard.
- Dissolved manganese concentrations increased in wells CMW-1 (2.4 to 2.7 mg/L), CMW-3R (1.6 to 2.7 mg/L), CMW-4 (0.012 to 0.034 mg/L), MW-1R (5.2 to 11 mg/L), MW-6 (9.0 to 9.6 mg/L), SFCMW-01 (6.1 to 6.9 mg/L), SFCMW-02 (3.4 to 3.9 mg/L), SFCMW-10 (7.2 to 8.7 mg/L), and SVE-11D (2.0 to 2.5 mg/L) and decreased in wells MW-4R (0.47 to 0.033 mg/L), MW-15 (0.72 to 0.68 mg/L), SFCMW-07 (3.4 to 3.2 mg/L), SVE-1 (7.2 to 2.3 mg/L), SVE-3 (10 to 3.1 mg/L), and TWS-4 (6.1 to 3.3 mg/L0 since the last monitoring event. The concentration in well MW-4R no longer exceeds the NMWQCC standard of 0.2 mg/L. The concentration in well CMW-4 now exceeds the standard and the concentrations in wells CMW-1, CMW-3R, MW-1R, MW-6, MW-15, SFCMW-01, SFCMW-02, SFCMW-07, SFCMW-10, SVE-1, SVE-3, SVE-11D, and TWS-4 continue to exceed the standard.

Bio-Trap® Sample Analytical Results

Results of microbial analysis suggest that aerobic and anaerobic respiration of petroleum hydrocarbons and halogenated compounds is ongoing. Nitrate has been mostly used up for nitrogen respiration and bacterial cell structure and oxygen, sulfate, iron, and manganese are available as electron acceptors to sustain the biodegradation.

B. Ongoing Assessment of Remediation System

The remediation system has not been operated since 2015 when it was permanently shut down. All remediation equipment has been decommissioned and removed from the site. The effects of the July 2022 and February 2023 PetroFix® injections in the DeVargas plume should continue to be evaluated in future quarterly groundwater monitoring reports.

C. Recommendations

EA recommends the following:

- Continue monitoring contaminant concentrations, geochemical groundwater parameters, concentrations of sulfate, iron, and manganese, and microbial analyses to evaluate the efficacy of PetroFix® injection at De Vargas.
- If results indicate that injection of PetroFix® is the appropriate remedy for the remediation of the remainder of the plume, implement a larger scale injection within the remaining impacted areas.

Tables

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
CMW-1	09/22/92	21.11			6,985.59	6,964.48	
CMW-1	01/28/94	22.32			6,985.59	6,963.27	
CMW-1	02/25/94	22.69			6,985.59	6,962.90	
CMW-1	03/21/94	22.79			6,985.59	6,962.80	
CMW-1	04/26/94	22.67			6,985.59	6,962.92	
CMW-1	05/19/94	22.07			6,985.59	6,963.52	
CMW-1	06/21/94	22.08			6,985.59	6,963.51	
CMW-1	07/25/94	22.30			6,985.59	6,963.29	
CMW-1	08/30/94	21.87			6,985.59	6,963.72	
CMW-1	09/15/94	22.14			6,985.59	6,963.45	
CMW-1	10/12/94	22.33			6,985.59	6,963.26	
CMW-1	11/17/94	22.40			6,985.59	6,963.19	
CMW-1	12/06/94	22.60			6,985.59	6,962.99	
CMW-1	01/25/95	23.08			6,985.59	6,962.51	
CMW-1	04/12/95	23.42			6,985.59	6,962.17	
CMW-1	05/25/95	23.31			6,985.59	6,962.28	
CMW-1	07/27/95	23.00			6,985.59	6,962.59	
CMW-1	11/07/95	22.91			6,985.59	6,962.68	
CMW-1	01/28/96	23.84			6,985.59	6,961.75	
CMW-1	10/30/96	24.42			6,985.59	6,961.17	
CMW-1	03/06/97	23.90			6,985.59	6,961.69	
CMW-1	09/03/97	22.29			6,985.59	6,963.30	
CMW-1	01/06/98	22.90			6,985.59	6,962.69	
CMW-1	03/26/98	23.42			6,985.59	6,962.17	
CMW-1	11/20/98	22.10			6,985.59	6,963.49	
CMW-1	02/18/99	23.41			6,985.59	6,962.18	
CMW-1	05/05/99	23.75			6,985.59	6,961.84	
CMW-1	08/10/99	22.00			6,985.59	6,963.59	
CMW-1	03/09/00	24.20			6,985.59	6,961.39	
CMW-1	06/14/00	24.78			6,985.59	6,960.81	
CMW-1	09/06/00	23.20			6,985.59	6,962.39	
CMW-1	12/12/00	23.71			6,985.59	6,961.88	
CMW-1	03/29/01	24.47			6,985.59	6,961.12	
CMW-1	12/05/01	24.33			6,985.59	6,961.26	
CMW-1	03/04/02	25.86			6,985.59	6,959.73	
CMW-1	06/03/02	26.67			6,985.59	6,958.92	
CMW-1	10/05/02	26.62			6,985.59	6,958.97	
CMW-1	04/03/04	29.48			6,985.59	6,956.11	
CMW-1	08/06/04	30.41			6,985.59	6,955.18	
CMW-1	11/02/04	30.80			6,985.59	6,954.79	
CMW-1	02/13/06	27.29			6,985.59	6,958.30	
CMW-1	06/02/06	28.73			6,985.59	6,956.86	
CMW-1	05/23/07	22.65			6,985.59	6,962.94	
CMW-1	10/15/07	19.92			6,985.59	6,965.67	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
CMW-1	11/29/07	19.70			6,985.59	6,965.89	
CMW-1	02/26/08	20.35			6,985.59	6,965.24	
CMW-1	06/26/09	23.39			6,985.59	6,962.20	
CMW-1	07/10/09	23.40			6,985.59	6,962.19	
CMW-1	07/20/09	22.91			6,985.59	6,962.68	
CMW-1	08/06/09	21.95			6,985.59	6,963.64	
CMW-1	08/18/09	21.36			6,985.59	6,964.23	
CMW-1	11/13/09	20.93			6,985.59	6,964.66	
CMW-1	03/23/10	23.62			6,985.59	6,961.97	
CMW-1	09/27/10	19.81			6,985.59	6,965.78	
CMW-1	12/06/10	20.46			6,985.59	6,965.13	
CMW-1	03/09/11	23.21			6,985.59	6,962.38	
CMW-1	06/14/11	24.49			6,985.59	6,961.10	
CMW-1	10/03/11	20.54			6,985.59	6,965.05	
CMW-1	01/03/12	21.40			6,985.59	6,964.19	
CMW-1	04/09/12	23.80			6,985.59	6,961.79	
CMW-1	07/16/12	23.20			6,985.59	6,962.39	
CMW-1	10/08/12	20.79			6,985.59	6,964.80	
CMW-1	01/07/13	21.72			6,985.59	6,963.87	
CMW-1	04/01/13	24.11			6,985.59	6,961.48	
CMW-1	06/24/13	25.51			6,985.59	6,960.08	
CMW-1	08/01/13	24.80			6,985.59	6,960.79	
CMW-1	08/15/13	24.40			6,985.59	6,961.19	
CMW-1	09/17/13	22.20			6,985.59	6,963.39	
CMW-1	09/26/13	21.25			6,985.59	6,964.34	
CMW-1	10/10/13	19.60			6,985.59	6,965.99	
CMW-1	10/24/13	20.45			6,985.59	6,965.14	
CMW-1	11/14/13	20.53			6,985.59	6,965.06	
CMW-1	11/26/13	21.35			6,985.59	6,964.24	
CMW-1	12/16/13	22.00			6,985.59	6,963.59	
CMW-1	01/20/14	23.25			6,985.59	6,962.34	
CMW-1	02/10/14	23.80			6,985.59	6,961.79	
CMW-1	04/07/14	25.31			6,985.59	6,960.28	
CMW-1	07/14/14	24.43			6,985.59	6,961.16	
CMW-1	10/26/15	18.40			6,985.59	6,967.19	
CMW-1	04/06/16	23.09			6,985.59	6,962.50	
CMW-1	12/14/16	21.66			6,985.59	6,963.93	
CMW-1	08/14/17	24.78			6,985.59	6,960.81	
CMW-1	02/20/18	25.33			6,985.59	6,960.26	
CMW-1	08/09/18	23.97			6,985.59	6,961.62	
CMW-1	02/22/19	24.82			6,985.59	6,960.77	
CMW-1	09/24/19	21.40			6,985.59	6,964.19	
CMW-1	08/01/22	26.69			6,985.59	6,958.90	
CMW-1	11/15/22	22.87			6,985.59	6,962.72	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
CMW-1	04/03/23	24.74			6,985.59	6,960.85	
CMW-2	09/22/92	23.06			6,984.43	6,961.37	
CMW-2	01/28/94	23.85			6,984.43	6,960.58	
CMW-2	02/25/94	24.17			6,984.43	6,960.26	
CMW-2	03/21/94	24.24			6,984.43	6,960.19	
CMW-2	04/26/94	24.11			6,984.43	6,960.32	
CMW-2	05/19/94	23.81			6,984.43	6,960.62	
CMW-2	06/21/94	23.68			6,984.43	6,960.75	
CMW-2	07/25/94	23.98			6,984.43	6,960.45	
CMW-2	08/30/94	23.55			6,984.43	6,960.88	
CMW-2	09/15/94	23.71			6,984.43	6,960.72	
CMW-2	10/12/94	23.90			6,984.43	6,960.53	
CMW-2	11/17/94	24.02			6,984.43	6,960.41	
CMW-2	12/06/94	24.21			6,984.43	6,960.22	
CMW-2	01/25/95	24.42			6,984.43	6,960.01	
CMW-2	04/12/95	24.75			6,984.43	6,959.68	
CMW-2	05/25/95	24.61			6,984.43	6,959.82	
CMW-2	06/26/95	24.55			6,984.43	6,959.88	
CMW-2	07/27/95	24.37			6,984.43	6,960.06	
CMW-2	11/07/95	24.13			6,984.43	6,960.30	
CMW-2	10/30/96	24.46			6,984.43	6,959.97	
CMW-2	03/06/97	24.42			6,984.43	6,960.01	
CMW-2	09/03/97	22.48			6,984.43	6,961.95	
CMW-2	01/06/98	23.08			6,984.43	6,961.35	
CMW-2	03/26/98	23.18			6,984.43	6,961.25	
CMW-2	11/20/98	22.33			6,984.43	6,962.10	
CMW-2	02/18/99	23.38			6,984.43	6,961.05	
CMW-2	05/05/99	23.79			6,984.43	6,960.64	
CMW-2	08/10/99	22.30			6,984.43	6,962.13	
CMW-2	03/09/00	23.75			6,984.43	6,960.68	
CMW-2	06/14/00	24.56			6,984.43	6,959.87	
CMW-2	06/14/00	24.56			6,984.43	6,959.87	
CMW-2	09/06/00	23.78			6,984.43	6,960.65	
CMW-2	09/06/00	23.78			6,984.43	6,960.65	
CMW-2	12/12/00	24.02			6,984.43	6,960.41	
CMW-2	03/29/01	23.45			6,984.43	6,960.98	
CMW-2	12/05/01	25.97			6,984.43	6,958.46	
CMW-2	03/04/02	25.33			6,984.43	6,959.10	
CMW-2	06/03/02	25.86			6,984.43	6,958.57	
CMW-2	10/05/02	25.77			6,984.43	6,958.66	
CMW-2	04/03/04	28.13			6,984.43	6,956.30	
CMW-2	08/06/04	28.91			6,984.43	6,955.52	
CMW-2	11/02/04	29.17			6,984.43	6,955.26	
CMW-2	02/13/06	27.37			6,984.43	6,957.06	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
CMW-2	06/02/06	27.40			6,984.43	6,957.03	
CMW-2	05/23/07	21.70			6,984.43	6,962.73	
CMW-2	10/15/07	20.59			6,984.43	6,963.84	
CMW-2	11/29/07	20.71			6,984.43	6,963.72	
CMW-2	02/26/08	21.00			6,984.43	6,963.43	
CMW-2	06/26/09	23.07			6,984.43	6,961.36	
CMW-2	07/10/09	23.12			6,984.43	6,961.31	
CMW-2	07/20/09	22.85			6,984.43	6,961.58	
CMW-2	08/06/09	22.44			6,984.43	6,961.99	
CMW-2	08/17/09	22.23			6,984.43	6,962.20	
CMW-2	11/13/09	21.58			6,984.43	6,962.85	
CMW-2	03/23/10	23.25			6,984.43	6,961.18	
CMW-2	09/27/10	21.35			6,984.43	6,963.08	
CMW-2	12/06/10	21.37			6,984.43	6,963.06	
CMW-2	03/09/11	23.16			6,984.43	6,961.27	
CMW-2	06/14/11	23.82			6,984.43	6,960.61	
CMW-2	07/18/11	24.11			6,984.43	6,960.32	
CMW-2	07/22/11	24.00			6,984.43	6,960.43	
CMW-2	07/25/11	24.00			6,984.43	6,960.43	
CMW-2	08/01/11	23.88			6,984.43	6,960.55	
CMW-2	08/08/11	23.75			6,984.43	6,960.68	
CMW-2	08/22/11	23.35			6,984.43	6,961.08	
CMW-2	09/06/11	22.78			6,984.43	6,961.65	
CMW-2	09/19/11	22.33			6,984.43	6,962.10	
CMW-2	10/03/11	22.02			6,984.43	6,962.41	
CMW-2	10/17/11	21.77			6,984.43	6,962.66	
CMW-2	11/01/11	21.64			6,984.43	6,962.79	
CMW-2	11/15/11	21.80			6,984.43	6,962.63	
CMW-2	01/03/12	22.46			6,984.43	6,961.97	
CMW-2	04/09/12	23.81			6,984.43	6,960.62	
CMW-2	07/16/12	23.51			6,984.43	6,960.92	
CMW-2	10/08/12	22.00			6,984.43	6,962.43	
CMW-2	01/07/13	22.67			6,984.43	6,961.76	
CMW-2	04/01/13	24.68			6,984.43	6,959.75	
CMW-2	06/24/13	25.00			6,984.43	6,959.43	
CMW-2	08/01/13	25.03			6,984.43	6,959.40	
CMW-2	08/15/13	24.58			6,984.43	6,959.85	
CMW-2	09/17/13	23.55			6,984.43	6,960.88	
CMW-2	09/26/13	23.10			6,984.43	6,961.33	
CMW-2	10/10/13	22.30			6,984.43	6,962.13	
CMW-2	10/24/13	22.10			6,984.43	6,962.33	
CMW-2	11/14/13	22.10			6,984.43	6,962.33	
CMW-2	11/26/13	22.54			6,984.43	6,961.89	
CMW-2	12/16/13	22.80			6,984.43	6,961.63	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
CMW-2	01/20/14	23.35			6,984.43	6,961.08	
CMW-2	02/10/14	23.70			6,984.43	6,960.73	
CMW-2	04/07/14	24.80			6,984.43	6,959.63	
CMW-2	07/14/14	24.80			6,984.43	6,959.63	
CMW-2	10/27/15	16.83			6,984.43	6,967.60	
CMW-2	04/07/16	23.46			6,984.43	6,960.97	
CMW-2	12/14/16	22.32			6,984.43	6,962.11	
CMW-2	08/14/17	24.10			6,984.43	6,960.33	
CMW-2	02/20/18	24.63			6,984.43	6,959.80	
CMW-3	09/22/92	22.14			6,984.85	6,962.71	
CMW-3	01/28/94	22.65			6,984.85	6,962.20	
CMW-3	02/25/94	22.80			6,984.85	6,962.05	
CMW-3	03/21/94	22.88			6,984.85	6,961.97	
CMW-3	04/26/94	22.75			6,984.85	6,962.10	
CMW-3	05/19/94	22.36			6,984.85	6,962.49	
CMW-3	06/21/94	22.35			6,984.85	6,962.50	
CMW-3	07/25/94	22.64			6,984.85	6,962.21	
CMW-3	08/30/94	22.36			6,984.85	6,962.49	
CMW-3	09/15/94	22.44			6,984.85	6,962.41	
CMW-3	10/12/94	22.55			6,984.85	6,962.30	
CMW-3	11/17/94	22.62			6,984.85	6,962.23	
CMW-3	12/06/94	22.77			6,984.85	6,962.08	
CMW-3	01/25/95	22.92			6,984.85	6,961.93	
CMW-3	04/12/95	23.12			6,984.85	6,961.73	
CMW-3	05/25/95	22.93			6,984.85	6,961.92	
CMW-3	06/26/95	22.85			6,984.85	6,962.00	
CMW-3	07/27/95	22.71			6,984.85	6,962.14	
CMW-3	11/07/95	22.73			6,984.85	6,962.12	
CMW-3	01/28/96	23.18			6,984.85	6,961.67	
CMW-3	10/30/96	24.60			6,984.85	6,960.25	
CMW-3	03/06/97	24.42			6,984.85	6,960.43	
CMW-3	09/03/97	22.20			6,984.85	6,962.65	
CMW-3	01/06/98	22.71			6,984.85	6,962.14	
CMW-3	03/26/98	22.61			6,984.85	6,962.24	
CMW-3	11/20/98	22.24			6,984.85	6,962.61	
CMW-3	02/18/99	23.86			6,984.85	6,960.99	
CMW-3	05/05/99	23.83			6,984.85	6,961.02	
CMW-3	03/09/00	23.79			6,984.85	6,961.06	
CMW-3	06/14/00	23.67			6,984.85	6,961.18	
CMW-3	09/06/00	23.90			6,984.85	6,960.95	
CMW-3	12/12/00	22.98			6,984.85	6,961.87	
CMW-3	03/29/01	21.87			6,984.85	6,962.98	
CMW-3	12/05/01	24.26			6,984.85	6,960.59	
CMW-3	03/04/02	24.51			6,984.85	6,960.34	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
CMW-3	06/03/02	25.34			6,984.85	6,959.51	
CMW-3	10/05/02	25.47			6,984.85	6,959.38	
CMW-3	04/03/04	26.38			6,984.85	6,958.47	
CMW-3	08/06/04	27.15			6,984.85	6,957.70	
CMW-3	11/02/04	27.10			6,984.85	6,957.75	
CMW-3	02/04/06				6,984.85		Well plugged and abandoned
CMW-3R	02/13/06	26.17	25.95	0.22	6,984.85	6,958.85	
CMW-3R	06/02/06	28.27	27.17	1.10	6,984.85	6,957.41	
CMW-3R	05/23/07	21.61	21.56	0.05	6,984.85	6,963.28	
CMW-3R	10/15/07	18.79	18.75	0.04	6,984.85	6,966.09	
CMW-3R	11/29/07	18.57	18.54	0.03	6,984.85	6,966.30	
CMW-3R	02/26/08	19.08	19.05	0.03	6,984.85	6,965.79	
CMW-3R	06/26/09	22.07	22.00	0.07	6,984.85	6,962.83	
CMW-3R	07/10/09	22.04	21.97	0.07	6,984.85	6,962.86	
CMW-3R	07/20/09	21.56	21.54	0.02	6,984.85	6,963.31	
CMW-3R	08/06/09	20.45	20.43	0.02	6,984.85	6,964.42	
CMW-3R	08/17/09	19.90	19.88	0.02	6,984.85	6,964.97	
CMW-3R	11/13/09	19.47			6,984.85	6,965.38	
CMW-3R	03/23/10	22.20			6,984.85	6,962.65	
CMW-3R	09/27/10	18.53			6,984.85	6,966.32	
CMW-3R	12/06/10	19.46			6,984.85	6,965.39	
CMW-3R	03/09/11	21.87			6,984.85	6,962.98	
CMW-3R	06/14/11	23.11			6,984.85	6,961.74	
CMW-3R	10/03/11	19.45			6,984.85	6,965.40	
CMW-3R	01/03/12	21.00			6,984.85	6,963.85	
CMW-3R	04/09/12	22.67			6,984.85	6,962.18	
CMW-3R	07/16/12	21.81			6,984.85	6,963.04	
CMW-3R	10/08/12	20.08			6,984.85	6,964.77	
CMW-3R	01/07/13	20.73			6,984.85	6,964.12	
CMW-3R	04/01/13	23.00			6,984.85	6,961.85	
CMW-3R	06/24/13	24.16	24.10	0.06	6,984.85	6,960.74	
CMW-3R	07/20/13	23.64			6,984.85	6,961.21	
CMW-3R	08/01/13	23.32			6,984.85	6,961.53	NAPL Sheen
CMW-3R	08/15/13	22.69			6,984.85	6,962.16	NAPL Sheen
CMW-3R	09/17/13	20.70			6,984.85	6,964.15	NAPL Sheen
CMW-3R	09/26/13	19.80			6,984.85	6,965.05	NAPL Sheen
CMW-3R	10/10/13	18.60			6,984.85	6,966.25	NAPL Sheen
CMW-3R	10/24/13	18.50			6,984.85	6,966.35	NAPL Sheen
CMW-3R	11/07/13	19.30			6,984.85	6,965.55	NAPL Sheen
CMW-3R	11/14/13	19.05			6,984.85	6,965.80	NAPL Sheen
CMW-3R	11/26/13	20.10			6,984.85	6,964.75	NAPL Sheen
CMW-3R	12/16/13	20.82			6,984.45	6,964.03	
CMW-3R	01/20/14	21.83			6,984.45	6,963.02	
CMW-3R	02/10/14	22.33			6,984.45	6,962.52	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
CMW-3R	04/07/14	23.91			6,984.45	6,960.94	
CMW-3R	07/14/14	22.91			6,984.45	6,961.94	
CMW-3R	10/27/15	17.00			6,984.45	6,967.85	
CMW-3R	04/07/16	21.70			6,984.45	6,963.15	
CMW-3R	12/14/16	20.26			6,984.45	6,964.59	
CMW-3R	08/14/17	23.31			6,984.45	6,961.54	
CMW-3R	02/20/18	23.93			6,984.45	6,960.92	
CMW-3R	08/09/18	22.39			6,984.45	6,962.46	
CMW-3R	02/21/19	23.28			6,984.45	6,961.57	
CMW-3R	09/24/19	19.99			6,984.45	6,964.86	
CMW-3R	08/01/22	25.27			6,984.45	6,959.58	
CMW-3R	11/16/22	21.62			6,984.45	6,963.23	
CMW-3R	04/03/23	23.35			6,984.45	6,961.10	
CMW-4	11/03/09	21.05			6,983.21	6,962.16	
CMW-4	11/08/09	21.00			6,983.21	6,962.21	
CMW-4	11/13/09	21.05			6,983.21	6,962.16	
CMW-4	03/23/10	22.26			6,982.95	6,960.69	
CMW-4	09/27/10	20.77			6,982.95	6,962.18	
CMW-4	12/06/10	20.91			6,982.95	6,962.04	
CMW-4	03/09/11	22.00			6,982.95	6,960.95	
CMW-4	06/14/11	22.46			6,982.95	6,960.49	
CMW-4	10/03/11	21.49			6,982.95	6,961.46	
CMW-4	01/03/12	21.58			6,982.95	6,961.37	
CMW-4	04/09/12	22.55			6,982.95	6,960.40	
CMW-4	07/16/12	22.78			6,982.95	6,960.17	
CMW-4	10/08/12	21.40			6,982.95	6,961.55	
CMW-4	01/07/13	21.73			6,982.95	6,961.22	
CMW-4	11/07/13	21.20			6,982.95	6,961.75	
CMW-4	11/08/13	21.18			6,982.95	6,961.77	
CMW-4	12/16/13	21.40			6,982.95	6,961.55	
CMW-4	01/20/14	21.90			6,982.95	6,961.05	
CMW-4	02/10/14	22.17			6,982.95	6,960.78	
CMW-4	04/09/14	23.27			6,982.95	6,959.68	
CMW-4	07/14/14	23.34			6,982.95	6,959.61	
CMW-4	09/25/14	20.55			6,982.95	6,962.40	
CMW-4	10/27/15	19.42			6,982.95	6,963.53	
CMW-4	04/04/16	21.75			6,982.95	6,961.20	
CMW-4	12/14/16	21.21			6,982.95	6,961.74	
CMW-4	08/14/17	21.99			6,982.95	6,960.96	
CMW-4	02/20/18	22.58			6,982.95	6,960.37	
CMW-4	08/09/18	23.34			6,982.95	6,959.61	
CMW-4	02/21/19	21.91			6,982.95	6,961.04	
CMW-4	09/23/19	21.21			6,982.95	6,961.74	
CMW-4	08/01/22	22.22			6,982.95	6,960.73	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
CMW-4	11/17/22	21.40			6,982.95	6,961.55	
CMW-4	04/03/23	21.85			6,982.95	6,961.10	
CMW-5	11/08/09	30.52			6,983.92	6,953.40	
CMW-5	11/08/09	33.97			6,983.92	6,949.95	
CMW-5	11/13/09	30.77			6,983.92	6,953.15	
CMW-5	03/23/10	31.83			6,983.92	6,952.09	
CMW-5	09/27/10	38.69			6,983.92	6,945.23	
CMW-5	11/17/10	40.03			6,983.92	6,943.89	
CMW-5	12/06/10	40.18			6,983.92	6,943.74	
CMW-5	03/09/11	41.05			6,983.92	6,942.87	
CMW-5	06/14/11	41.90			6,983.92	6,942.02	
CMW-5	10/03/11	37.90			6,983.92	6,946.02	
CMW-5	01/03/12	36.72			6,983.92	6,947.20	
CMW-5	04/09/12	36.27			6,983.92	6,947.65	
CMW-5	07/16/12	36.10			6,983.92	6,947.82	
CMW-5	10/08/12	34.67			6,983.92	6,949.25	
CMW-5	01/07/13	33.65			6,983.92	6,950.27	
CMW-5	04/01/13	33.90			6,983.92	6,950.02	
CMW-5	06/24/13	33.50			6,983.92	6,950.42	
CMW-5	09/17/13	36.50			6,983.92	6,947.42	
CMW-5	12/16/13	36.00			6,983.92	6,947.92	
CMW-5	01/20/14	35.99			6,983.92	6,947.93	
CMW-5	02/10/14	33.78			6,983.92	6,950.14	
CMW-5	04/08/14	35.71			6,983.92	6,948.21	
CMW-5	07/14/14	34.80			6,983.92	6,949.12	
CMW-5	10/27/15	28.86			6,983.92	6,955.06	
CMW-5	04/06/16	33.58			6,983.92	6,950.34	
CMW-5	12/16/16	30.23			6,983.92	6,953.69	
CMW-5	08/14/17	30.70			6,983.92	6,953.22	
CMW-5	02/21/18	31.40			6,983.92	6,952.52	
CMW-5	08/08/18	31.34			6,983.92	6,952.58	
CMW-5	02/21/19	31.40			6,983.92	6,952.52	
CMW-6	11/08/09	17.77			6,985.36	6,967.59	
CMW-6	11/13/09	17.90			6,985.36	6,967.46	
CMW-6	03/23/10	21.65			6,985.36	6,963.71	
CMW-6	09/27/10	16.78			6,985.36	6,968.58	
CMW-6	12/06/10	18.31			6,985.36	6,967.05	
CMW-6	03/09/11	21.42			6,985.36	6,963.94	
CMW-6	06/14/11	22.80			6,985.36	6,962.56	
CMW-6	07/18/11	22.17			6,985.36	6,963.19	
CMW-6	07/22/11	21.75			6,985.36	6,963.61	
CMW-6	07/25/11	21.55			6,985.36	6,963.81	
CMW-6	08/01/11	21.01			6,985.36	6,964.35	
CMW-6	08/08/11	20.41			6,985.36	6,964.95	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
CMW-6	08/22/11	19.42			6,985.36	6,965.94	
CMW-6	09/06/11	17.78			6,985.36	6,967.58	
CMW-6	09/19/11	17.24			6,985.36	6,968.12	
CMW-6	10/03/11	17.19			6,985.36	6,968.17	
CMW-6	10/17/11	16.96			6,985.36	6,968.40	
CMW-6	11/01/11	17.06			6,985.36	6,968.30	
CMW-6	11/15/11	17.66			6,985.36	6,967.70	
CMW-6	01/03/12	19.60			6,985.36	6,965.76	
CMW-6	04/09/12	22.16			6,985.36	6,963.20	
CMW-6	07/16/12	21.05			6,985.36	6,964.31	
CMW-6	10/08/12	18.28			6,985.36	6,967.08	
CMW-6	01/07/13	19.87			6,985.36	6,965.49	
CMW-6	04/01/13	22.40			6,985.36	6,962.96	
CMW-6	06/24/13	23.70			6,985.36	6,961.66	
CMW-6	09/17/13	19.00			6,985.36	6,966.36	
CMW-6	12/16/13	17.70			6,985.36	6,967.66	
CMW-6	01/20/14	20.82			6,985.36	6,964.54	
CMW-6	02/10/14	21.50			6,985.36	6,963.86	
CMW-6	04/07/14	21.72			6,985.36	6,963.64	
CMW-6	07/14/14	21.81			6,985.36	6,963.55	
CMW-6	10/27/15	15.04			6,985.36	6,970.32	
CMW-6	04/07/16	20.59			6,985.36	6,964.77	
CMW-6	12/14/16				6,985.36		Well destroyed
MW-1	09/23/03						NAPL Sheen
MW-1	03/31/04						Well plugged and abandoned
MW-1R	04/03/04	31.13			6,982.74	6,951.61	
MW-1R	08/06/04	30.05			6,982.74	6,952.69	
MW-1R	11/02/04	30.03			6,982.74	6,952.71	
MW-1R	02/13/06	30.69			6,982.74	6,952.05	
MW-1R	06/02/06	31.19			6,982.74	6,951.55	
MW-1R	02/16/07	30.21			6,982.74	6,952.53	
MW-1R	05/23/07	27.51			6,982.74	6,955.23	
MW-1R	08/29/07	26.91			6,982.74	6,955.83	
MW-1R	11/15/07	26.85			6,982.74	6,955.89	
MW-1R	09/15/08	28.36			6,982.74	6,954.38	
MW-1R	12/19/08	28.65			6,982.74	6,954.09	
MW-1R	03/09/09	29.72			6,982.74	6,953.02	
MW-1R	05/22/09	30.46			6,982.74	6,952.28	
MW-1R	06/26/09	30.45			6,982.74	6,952.29	
MW-1R	07/10/09	30.43			6,982.74	6,952.31	
MW-1R	07/17/09	30.53			6,982.74	6,952.21	
MW-1R	07/20/09	30.41			6,982.74	6,952.33	
MW-1R	08/06/09	30.38			6,982.74	6,952.36	
MW-1R	08/18/09	30.36			6,982.74	6,952.38	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-1R	11/08/09	29.94			6,982.74	6,952.80	
MW-1R	03/23/10	29.71			6,982.74	6,953.03	
MW-1R	09/27/10				6,982.74		Dry
MW-1R	01/03/12				6,982.74		Dry
MW-1R	04/09/12	35.18			6,982.74	6,947.56	
MW-1R	07/16/12	34.55			6,982.74	6,948.19	
MW-1R	10/08/12	34.00			6,982.74	6,948.74	
MW-1R	01/07/13	33.17			6,982.74	6,949.57	
MW-1R	04/01/13	34.22			6,982.74	6,948.52	
MW-1R	06/24/13	33.40			6,982.74	6,949.34	
MW-1R	09/17/13	34.20			6,982.74	6,948.54	
MW-1R	10/10/13	32.90			6,982.74	6,949.84	
MW-1R	12/16/13	32.20			6,982.74	6,950.54	
MW-1R	01/20/14	32.08			6,982.74	6,950.66	
MW-1R	02/10/14	31.97			6,982.74	6,950.77	
MW-1R	04/09/14	32.27			6,982.74	6,950.47	
MW-1R	07/14/14	31.90			6,982.74	6,950.84	
MW-1R	09/24/14	30.67			6,982.74	6,952.07	
MW-1R	10/27/15	24.90			6,982.74	6,957.84	
MW-1R	04/05/16	28.61			6,982.74	6,954.13	
MW-1R	12/14/16	28.53			6,982.74	6,954.21	
MW-1R	08/14/17	28.77			6,982.74	6,953.97	
MW-1R	02/21/18	30.75			6,982.74	6,951.99	
MW-1R	08/09/18	31.54			6,982.74	6,951.20	
MW-1R	02/21/19	30.90			6,982.74	6,951.84	
MW-1R	09/24/19	29.96			6,982.74	6,952.78	
MW-1R	07/29/22	30.89			6,982.74	6,951.85	
MW-1R	11/17/22	30.24			6,982.74	6,952.50	
MW-1R	04/03/23	30.54			6,982.74	6,952.20	
MW-2	09/23/03	28.87			6,980.28	6,951.41	
MW-2	09/23/03	28.87			6,980.28	6,951.41	
MW-2	04/03/04	29.06			6,980.28	6,951.22	
MW-2	08/06/04	28.15			6,980.28	6,952.13	
MW-2	11/02/04	27.79			6,980.28	6,952.49	
MW-2	02/13/06	28.00			6,980.28	6,952.28	
MW-2	06/02/06	28.64			6,980.28	6,951.64	
MW-2	02/16/07	28.50			6,980.28	6,951.78	
MW-2	05/23/07	28.12			6,980.28	6,952.16	
MW-2	08/29/07	27.83			6,980.28	6,952.45	
MW-2	11/15/07	28.06			6,980.28	6,952.22	
MW-2	09/15/08	27.99			6,980.28	6,952.29	
MW-2	12/19/08	27.90			6,980.28	6,952.38	
MW-2	03/09/09	28.04			6,980.28	6,952.24	
MW-2	05/22/09	28.57			6,980.28	6,951.71	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-2	06/26/09	28.58			6,980.28	6,951.70	
MW-2	07/10/09	28.50			6,980.28	6,951.78	
MW-2	07/17/09	28.59			6,980.28	6,951.69	
MW-2	07/20/09	28.48			6,980.28	6,951.80	
MW-2	08/06/09	28.45			6,980.28	6,951.83	
MW-2	08/18/09	28.46			6,980.28	6,951.82	
MW-2	11/08/09	28.16			6,980.28	6,952.12	
MW-2	03/23/10	25.12			6,980.28	6,955.16	
MW-2	09/27/10				6,980.28		Dry
MW-2	06/14/11				6,980.28		Dry
MW-2	01/03/12				6,980.28		Water in the sump
MW-2	04/09/12	29.80			6,980.28	6,950.48	
MW-2	07/16/12				6,980.28		Dry
MW-2	10/08/12	31.20			6,980.28	6,949.08	
MW-2	01/07/13	30.96			6,980.28	6,949.32	
MW-2	04/01/13	30.88			6,980.28	6,949.40	
MW-2	06/24/13	30.80			6,980.28	6,949.48	
MW-2	09/17/13	30.20			6,980.28	6,950.08	
MW-2	12/16/13	29.52			6,980.28	6,950.76	
MW-2	01/20/14	29.62			6,980.28	6,950.66	
MW-2	02/10/14	29.66			6,980.28	6,950.62	
MW-2	04/07/14	29.79			6,980.28	6,950.49	
MW-2	07/14/14	29.26			6,980.28	6,951.02	
MW-2	10/26/15	25.91			6,980.28	6,954.37	
MW-2	04/07/16	27.20			6,980.28	6,953.08	
MW-2	12/14/16	27.93			6,980.28	6,952.35	
MW-2	08/14/17	27.79			6,980.28	6,952.49	
MW-2	02/21/18	28.48			6,980.28	6,951.80	
MW-2	08/08/18	29.00			6,980.28	6,951.28	
MW-2	02/21/19	28.64			6,980.28	6,951.64	
MW-3	04/03/04	32.50	**29.47**	**3.03**	6,981.91	6,951.68	
MW-3	08/06/04	30.85	**28.65**	**2.20**	6,981.91	6,952.71	
MW-3	11/02/04	31.27	**28.73**	**2.54**	6,981.91	6,952.55	
MW-3	06/02/05	29.54	**28.47**	**1.07**	6,981.91	6,953.17	
MW-3	06/08/05	29.92	**28.36**	**1.56**	6,981.91	6,953.16	
MW-3	06/14/05	30.00	**28.39**	**1.61**	6,981.91	6,953.12	
MW-3	06/16/05	29.51	**28.55**	**0.96**	6,981.91	6,953.12	
MW-3	06/21/05	29.93	**28.48**	**1.45**	6,981.91	6,953.07	
MW-3	06/24/05	30.02	**28.45**	**1.57**	6,981.91	6,953.07	
MW-3	06/28/05	29.80	**28.56**	**1.24**	6,981.91	6,953.04	
MW-3	07/01/05	29.55	**28.70**	**0.85**	6,981.91	6,953.00	
MW-3	07/07/05	29.85	**28.66**	**1.19**	6,981.91	6,952.95	
MW-3	07/14/05	29.93	**28.71**	**1.22**	6,981.91	6,952.90	
MW-3	07/28/05	29.73	**28.95**	**0.78**	6,981.91	6,952.77	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-3	08/12/05	30.29	28.92	1.37	6,981.91	6,952.65	
MW-3	08/25/05	30.12	29.08	1.04	6,981.91	6,952.57	
MW-3	09/02/05	30.03	29.18	0.85	6,981.91	6,952.52	
MW-3	09/09/05	30.02	29.20	0.82	6,981.91	6,952.51	
MW-3	09/21/05	30.45	29.13	1.32	6,981.91	6,952.45	
MW-3	10/14/05	31.14	28.98	2.16	6,981.91	6,952.39	
MW-3	11/03/05	31.08	29.03	2.05	6,981.91	6,952.37	
MW-3	12/02/05	31.54	29.02	2.52	6,981.91	6,952.26	
MW-3	12/28/05	31.84	29.09	2.75	6,981.91	6,952.13	
MW-3	02/13/06	32.25	29.23	3.02	6,981.91	6,951.93	
MW-3	04/05/06	32.62	29.40	3.22	6,981.91	6,951.71	
MW-3	05/17/06	32.92	29.51	3.41	6,981.91	6,951.55	
MW-3	06/02/06	32.99	29.56	3.43	6,981.91	6,951.49	
MW-3	06/07/06	33.00	29.56	3.44	6,981.91	6,951.49	
MW-3	08/04/06	32.30	29.35	2.95	6,981.91	6,951.82	
MW-3	08/18/06	31.81	29.22	2.59	6,981.91	6,952.04	
MW-3	09/01/06	31.28	29.00	2.28	6,981.91	6,952.34	
MW-3	09/08/06	30.99	28.87	2.12	6,981.91	6,952.51	
MW-3	09/18/06	30.67	28.71	1.96	6,981.91	6,952.71	
MW-3	09/22/06	30.51	29.67	0.84	6,981.91	6,952.03	
MW-3	09/29/06	30.48	28.67	1.81	6,981.91	6,952.79	
MW-3	10/06/06	30.50	28.70	1.80	6,981.91	6,952.76	
MW-3	10/13/06	30.53	28.75	1.78	6,981.91	6,952.72	
MW-3	10/18/06	30.50	28.81	1.69	6,981.91	6,952.68	
MW-3	10/26/06	30.50	28.70	1.80	6,981.91	6,952.76	
MW-3	11/10/06	30.73	28.92	1.81	6,981.91	6,952.54	
MW-3	11/29/06	30.93	29.04	1.89	6,981.91	6,952.40	
MW-3	12/27/06	31.43	29.19	2.24	6,981.91	6,952.16	
MW-3	01/23/07	31.30	29.11	2.19	6,981.91	6,952.25	
MW-3	02/13/07	31.20	29.10	2.10	6,981.91	6,952.29	
MW-3	02/16/07	30.60	29.29	1.31	6,981.91	6,952.29	
MW-3	03/01/07	31.02	29.10	1.92	6,981.91	6,952.33	
MW-3	03/07/07	30.69	29.18	1.51	6,981.91	6,952.35	
MW-3	03/16/07	30.65	29.14	1.51	6,981.91	6,952.39	
MW-3	03/23/07	30.44	29.16	1.28	6,981.91	6,952.43	
MW-3	05/23/07	27.81			6,981.91	6,954.10	
MW-3	08/07/07	26.83	26.70	0.13	6,981.91	6,955.18	
MW-3	08/29/07	27.21	27.05	0.16	6,981.91	6,954.82	
MW-3	11/15/07	26.63			6,981.91	6,955.28	
MW-3	02/06/08	27.57	27.50	0.07	6,981.91	6,954.39	
MW-3	03/19/08	26.95			6,981.91	6,954.96	
MW-3	05/06/08	27.13	27.11	0.02	6,981.91	6,954.80	
MW-3	06/25/08	28.27	28.06	0.21	6,981.91	6,953.80	
MW-3	09/15/08	27.83	27.78	0.05	6,981.91	6,954.12	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-3	12/19/08	28.35	**27.92**	**0.43**	6,981.91	6,953.88	
MW-3	03/09/09	29.37	**29.00**	**0.37**	6,981.91	6,952.82	
MW-3	05/22/09	30.52	**29.36**	**1.16**	6,981.91	6,952.26	
MW-3	06/26/09	30.38	**29.37**	**1.01**	6,981.91	6,952.29	
MW-3	07/10/09				6,981.91		Well replaced with SVE-1
MW-4	02/13/06	31.18			6,983.24	6,952.06	
MW-4	06/02/06	31.70			6,983.24	6,951.54	
MW-4	02/16/07	30.71			6,983.24	6,952.53	
MW-4	05/23/07	28.36			6,983.24	6,954.88	
MW-4	08/29/07	27.72			6,983.24	6,955.52	
MW-4	11/15/07	27.73			6,983.24	6,955.51	
MW-4	09/15/08	29.13			6,983.24	6,954.11	
MW-4	12/19/08	29.38			6,983.24	6,953.86	
MW-4	03/09/09	30.31			6,983.24	6,952.93	
MW-4	05/22/09	31.00			6,983.24	6,952.24	
MW-4	06/26/09	30.96			6,983.24	6,952.28	
MW-4	07/10/09	30.95			6,983.24	6,952.29	
MW-4	07/17/09	31.03			6,983.24	6,952.21	
MW-4	07/20/09	30.91			6,983.24	6,952.33	
MW-4	08/06/09	30.90			6,983.24	6,952.34	
MW-4	08/18/09	30.87			6,983.24	6,952.37	
MW-4	03/23/10	30.17			6,983.24	6,953.07	
MW-4	09/27/10				6,983.24		Dry
MW-4	11/15/11				6,983.24		Dry
MW-4	01/03/12				6,983.24		Water in the sump
MW-4	04/09/12	35.70			6,983.24	6,947.54	NAPL Sheen
MW-4	07/16/12	35.00			6,983.24	6,948.24	
MW-4	10/08/12	34.47	**34.40**	**0.07**	6,983.24	6,948.82	
MW-4	01/07/13	33.92	**33.81**	**0.11**	6,983.24	6,949.40	
MW-4	04/01/13	34.03			6,983.24	6,949.21	
MW-4	06/24/13	33.10			6,983.24	6,950.14	
MW-4	09/17/13	34.78			6,983.24	6,948.46	
MW-4	10/10/13	33.40			6,983.24	6,949.84	
MW-4	12/16/13	32.80			6,983.24	6,950.44	
MW-4	01/20/14	32.60			6,983.24	6,950.64	
MW-4	02/10/14	32.57			6,983.24	6,950.67	
MW-4R	07/14/14	32.61			6,983.38	6,950.77	
MW-4R	09/24/14	31.83			6,983.38	6,951.55	
MW-4R	10/28/15	26.70			6,983.38	6,956.68	
MW-4R	04/06/16	29.59			6,983.38	6,953.79	
MW-4R	12/14/16	29.68			6,983.38	6,953.70	
MW-4R	08/14/17	29.57			6,983.38	6,953.81	
MW-4R	02/21/18	31.21			6,983.38	6,952.17	
MW-4R	08/09/18	32.24			6,983.38	6,951.14	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-4R	02/21/19	31.52			6,983.38	6,951.86	
MW-4R	09/24/19	30.81			6,983.38	6,952.57	
MW-4R	07/29/22	31.46			6,983.38	6,951.92	
MW-4R	11/17/22	30.87			6,983.38	6,952.51	
MW-4R	04/03/23	31.09			6,983.38	6,952.29	
MW-5	02/21/06	31.52			6,983.37	6,951.85	
MW-5	06/02/06	31.88			6,983.37	6,951.49	
MW-5	02/16/07	31.34			6,983.37	6,952.03	
MW-5	05/23/07	30.47			6,983.37	6,952.90	
MW-5	08/29/07	29.75			6,983.37	6,953.62	
MW-5	11/15/07	29.72			6,983.37	6,953.65	
MW-5	09/15/08	30.13			6,983.37	6,953.24	
MW-5	12/19/08	30.24			6,983.37	6,953.13	
MW-5	03/09/09	31.01			6,983.37	6,952.36	
MW-5	05/22/09	31.33			6,983.37	6,952.04	
MW-5	06/26/09	31.26			6,983.37	6,952.11	
MW-5	07/10/09	31.26			6,983.37	6,952.11	
MW-5	07/17/09	31.37			6,983.37	6,952.00	
MW-5	07/20/09	31.24			6,983.37	6,952.13	
MW-5	08/06/09	31.22			6,983.37	6,952.15	
MW-5	08/17/09	31.23			6,983.37	6,952.14	
MW-5	11/08/09	31.07			6,983.37	6,952.30	
MW-5	03/23/10	30.55			6,983.37	6,952.82	
MW-5	09/27/10				6,983.37		Dry
MW-5	06/14/11				6,983.37		Dry
MW-5	10/03/11	39.54			6,983.37	6,943.83	
MW-5	01/03/12	37.21			6,983.37	6,946.16	
MW-5	04/09/12	35.85			6,983.37	6,947.52	
MW-5	07/16/12	35.18			6,983.37	6,948.19	
MW-5	10/08/12	34.60			6,983.37	6,948.77	
MW-5	01/07/13	34.12			6,983.37	6,949.25	
MW-5	04/01/13	34.00			6,983.37	6,949.37	
MW-5	06/24/13	34.01			6,983.37	6,949.36	
MW-5	09/17/13	33.50			6,983.37	6,949.87	
MW-5	12/16/13	32.85			6,983.37	6,950.52	
MW-5	01/20/14	32.75			6,983.37	6,950.62	
MW-5	02/10/14	32.71			6,983.37	6,950.66	
MW-5	04/09/14	32.90			6,983.37	6,950.47	
MW-5	07/14/14	32.50			6,983.37	6,950.87	
MW-5	10/28/15	27.40			6,983.37	6,955.97	
MW-5	04/05/16	30.16			6,983.37	6,953.21	
MW-5	12/16/16	31.02			6,983.37	6,952.35	
MW-5	08/14/17	30.56			6,983.37	6,952.81	
MW-5	02/21/18	31.76			6,983.37	6,951.61	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-5	08/09/18	32.26			6,983.37	6,951.11	
MW-5	02/21/19	31.90			6,983.37	6,951.47	
MW-6	07/17/09	30.61			6,982.64	6,952.03	NAPL Sheen
MW-6	07/20/09	30.51			6,982.64	6,952.13	
MW-6	08/06/09	30.58	30.47	0.11	6,982.64	6,952.14	
MW-6	08/17/09	30.59	30.46	0.13	6,982.64	6,952.15	
MW-6	09/14/09	30.65	30.48	0.17	6,982.64	6,952.12	
MW-6	11/08/09	30.36	30.31	0.05	6,982.64	6,952.32	
MW-6	11/13/09	30.30	30.27	0.03	6,982.64	6,952.36	
MW-6	03/23/10	29.80			6,982.64	6,952.84	
MW-6	09/27/10				6,982.64		Dry
MW-6	07/18/11				6,982.64		Dry
MW-6	10/03/11	38.90			6,982.64	6,943.74	
MW-6	01/03/12	36.40			6,982.64	6,946.24	
MW-6	04/09/12	35.06			6,982.64	6,947.58	
MW-6	07/16/12	34.40			6,982.64	6,948.24	
MW-6	10/08/12	33.81			6,982.64	6,948.83	
MW-6	01/07/13	33.36			6,982.64	6,949.28	
MW-6	04/01/13	33.33			6,982.64	6,949.31	
MW-6	06/24/13	33.30			6,982.64	6,949.34	
MW-6	07/25/13	33.20			6,982.64	6,949.44	
MW-6	08/08/13	33.10			6,982.64	6,949.54	
MW-6	08/22/13	33.10			6,982.64	6,949.54	
MW-6	09/17/13	33.10			6,982.64	6,949.54	
MW-6	09/26/13	32.80			6,982.64	6,949.84	
MW-6	10/10/13	32.70			6,982.64	6,949.94	
MW-6	10/24/13	32.60			6,982.64	6,950.04	
MW-6	11/14/13	32.35			6,982.64	6,950.29	
MW-6	11/26/13	32.51			6,982.64	6,950.13	
MW-6	12/16/13	32.20			6,982.64	6,950.44	
MW-6	01/20/14	32.10			6,982.64	6,950.54	
MW-6	02/10/14	32.08			6,982.64	6,950.56	
MW-6	04/09/14	33.29			6,982.64	6,949.35	
MW-6	07/14/14	31.79			6,982.64	6,950.85	
MW-6	09/25/14	31.21			6,982.64	6,951.43	
MW-6	10/28/15	26.73			6,982.64	6,955.91	
MW-6	04/05/16	29.56			6,982.64	6,953.08	
MW-6	12/14/16	30.30			6,982.64	6,952.34	
MW-6	08/14/17	29.98			6,982.64	6,952.66	
MW-6	08/09/18	31.33			6,982.64	6,951.31	
MW-6	02/21/19	30.94			6,982.64	6,951.70	
MW-6	09/23/19	30.10			6,982.64	6,952.54	
MW-6	08/01/22	30.87			6,982.64	6,951.77	
MW-6	11/16/22	30.57			6,982.64	6,952.07	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-6	04/03/23	30.80			6,982.64	6,951.84	
MW-7	07/17/09	31.65			6,983.66	6,952.01	
MW-7	07/20/09	31.53			6,983.66	6,952.13	
MW-7	08/06/09	31.52			6,983.66	6,952.14	
MW-7	08/17/09	31.52			6,983.66	6,952.14	
MW-7	11/08/09	31.40			6,983.66	6,952.26	
MW-7	03/23/10	30.82			6,983.66	6,952.84	
MW-7	09/27/10				6,983.66		Dry
MW-7	06/14/11				6,983.66		Dry
MW-7	10/03/11				6,983.66		Water in the sump
MW-7	01/03/12	37.28			6,983.66	6,946.38	
MW-7	04/09/12	35.93			6,983.66	6,947.73	
MW-7	07/16/12	35.38			6,983.66	6,948.28	
MW-7	10/08/12	34.85			6,983.66	6,948.81	
MW-7	01/07/13	34.45			6,983.66	6,949.21	
MW-7	04/01/13	34.30			6,983.66	6,949.36	
MW-7	06/24/13	34.25			6,983.66	6,949.41	
MW-7	09/17/13	33.85			6,983.66	6,949.81	
MW-7	12/16/13	33.40			6,983.66	6,950.26	
MW-7	01/20/14	33.52			6,983.66	6,950.14	
MW-7	02/10/14	33.09			6,983.66	6,950.57	
MW-7	04/09/14	33.30			6,983.66	6,950.36	
MW-7	07/14/14	32.81			6,983.66	6,950.85	
MW-7	10/28/15	28.10			6,983.66	6,955.56	
MW-7	04/05/16	30.45			6,983.66	6,953.21	
MW-7	12/14/16	31.15			6,983.66	6,952.51	
MW-7	08/14/17	31.38			6,983.66	6,952.28	
MW-7	02/20/18	31.96			6,983.66	6,951.70	
MW-7	08/09/18	32.54			6,983.66	6,951.12	
MW-7	02/21/19	32.13			6,983.66	6,951.53	
MW-8	07/17/09	32.39			6,984.36	6,951.97	
MW-8	07/20/09	32.28			6,984.36	6,952.08	
MW-8	08/06/09	32.28			6,984.36	6,952.08	
MW-8	08/17/09	32.26			6,984.36	6,952.10	
MW-8	11/08/09	32.17			6,984.36	6,952.19	
MW-8	03/23/10	31.67			6,984.36	6,952.69	
MW-8	09/27/10	39.94			6,984.36	6,944.42	
MW-8	12/06/10				6,984.36		Dry
MW-8	06/14/11				6,984.36		Dry
MW-8	10/03/11				6,984.36		Water in the sump
MW-8	01/03/12	37.78			6,984.36	6,946.58	
MW-8	04/09/12	36.60			6,984.36	6,947.76	
MW-8	07/16/12	36.00			6,984.36	6,948.36	
MW-8	10/08/12	35.55			6,984.36	6,948.81	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-8	01/07/13	35.17			6,984.36	6,949.19	
MW-8	04/01/13	35.08			6,984.36	6,949.28	
MW-8	06/24/13	35.00			6,984.36	6,949.36	
MW-8	09/17/13	34.50			6,984.36	6,949.86	
MW-8	12/16/13	34.09			6,984.36	6,950.27	
MW-8	01/20/14	34.20			6,984.36	6,950.16	
MW-8	02/10/14	33.96			6,984.36	6,950.40	
MW-8	04/08/14	34.21			6,984.36	6,950.15	
MW-8	07/14/14	33.51			6,984.36	6,950.85	
MW-8	10/28/15				6,984.36		Blocked
MW-8	04/06/16	31.68			6,984.36	6,952.68	
MW-8	12/14/16	32.33			6,984.36	6,952.03	
MW-8	08/14/17	32.41			6,984.36	6,951.95	
MW-8	02/20/18	32.94			6,984.36	6,951.42	
MW-8	08/08/18	33.36			6,984.36	6,951.00	
MW-8	02/21/19	33.14			6,984.36	6,951.22	
MW-9	07/21/09	33.86			6,985.90	6,952.04	
MW-9	03/24/10	33.27			6,985.90	6,952.63	
MW-9	09/27/10	41.65			6,985.90	6,944.25	
MW-9	12/06/10				6,985.90		Dry
MW-9	06/14/11				6,985.90		Dry
MW-9	10/03/11	41.58			6,985.90	6,944.32	
MW-9	01/03/12	39.24			6,985.90	6,946.66	
MW-9	04/09/12	38.07			6,985.90	6,947.83	
MW-9	07/16/12	37.48			6,985.90	6,948.42	
MW-9	10/08/12	36.98			6,985.90	6,948.92	
MW-9	01/07/13	36.69			6,985.90	6,949.21	
MW-9	04/01/13	36.50			6,985.90	6,949.40	
MW-9	06/24/13	36.54			6,985.90	6,949.36	
MW-9	09/17/13	36.00			6,985.90	6,949.90	
MW-9	12/16/13	35.65			6,985.90	6,950.25	
MW-9	01/20/14	35.50			6,985.90	6,950.40	
MW-9	02/10/14	35.56			6,985.90	6,950.34	
MW-9	04/07/14	35.74			6,985.90	6,950.16	
MW-9	07/14/14	35.06			6,985.90	6,950.84	
MW-9	10/26/15	31.36			6,985.90	6,954.54	
MW-9	04/07/16	33.23			6,985.90	6,952.67	
MW-9	12/14/16	33.31			6,985.90	6,952.59	
MW-9	08/14/17	33.39			6,985.90	6,952.51	
MW-9	02/20/18	33.91			6,985.90	6,951.99	
MW-9	08/08/18	34.28			6,985.90	6,951.62	
MW-9	02/21/19	34.07			6,985.90	6,951.83	
MW-10	08/03/09	32.17			6,984.27	6,952.10	
MW-10	03/23/10	31.68			6,984.27	6,952.59	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-10	09/27/10	39.11			6,984.27	6,945.16	
MW-10	10/25/10	40.28			6,984.27	6,943.99	
MW-10	12/06/10	40.95			6,984.27	6,943.32	
MW-10	03/09/11	41.03			6,984.27	6,943.24	
MW-10	06/14/11	41.16			6,984.27	6,943.11	
MW-10	10/03/11	39.43			6,984.27	6,944.84	
MW-10	01/03/12	37.50			6,984.27	6,946.77	
MW-10	04/09/12	36.38			6,984.27	6,947.89	
MW-10	07/16/12	35.75			6,984.27	6,948.52	
MW-10	10/08/12	34.82			6,984.27	6,949.45	
MW-10	01/07/13				6,984.27		Not Accessible
MW-10	04/01/13	34.84			6,984.27	6,949.43	
MW-10	06/24/13	34.85			6,984.27	6,949.42	
MW-10	09/17/13	34.35			6,984.27	6,949.92	
MW-10	12/16/13	33.50			6,984.27	6,950.77	
MW-10	01/20/14	33.75			6,984.27	6,950.52	
MW-10	02/10/14	33.52			6,984.27	6,950.75	
MW-10	04/07/14	34.07			6,984.27	6,950.20	
MW-10	07/14/14	33.42			6,984.27	6,950.85	
MW-10	10/26/15	29.52			6,984.27	6,954.75	
MW-10	04/07/16	31.59			6,984.27	6,952.68	
MW-10	12/14/16	32.23			6,984.27	6,952.04	
MW-10	08/14/17	32.38			6,984.27	6,951.89	
MW-10	02/20/18	32.83			6,984.27	6,951.44	
MW-10	08/08/18	33.19			6,984.27	6,951.08	
MW-10	02/22/19	32.98			6,984.27	6,951.29	
MW-11	10/31/09	26.24			6,978.14	6,951.90	
MW-11	11/07/09	26.12			6,978.14	6,952.02	
MW-11	03/23/10	25.61			6,978.14	6,952.53	
MW-11	09/27/10		33.04	1.66	6,978.14	6,944.69	
MW-11	10/25/10				6,978.14		Dry
MW-11	06/14/11				6,978.14		Dry
MW-11	10/03/11				6,978.14		Water in the sump
MW-11	01/03/12	31.57			6,978.14	6,946.57	
MW-11	04/09/12	30.60			6,978.14	6,947.54	
MW-11	07/16/12	29.90			6,978.14	6,948.24	
MW-11	11/08/12	29.22			6,978.14	6,948.92	
MW-11	01/07/13	29.02			6,978.14	6,949.12	
MW-11	04/01/13	28.90			6,978.14	6,949.24	
MW-11	06/24/13	28.63			6,978.14	6,949.51	
MW-11	09/17/13	28.30			6,978.14	6,949.84	
MW-11	10/10/13	28.20			6,978.14	6,949.94	
MW-11	12/16/13	27.90			6,978.14	6,950.24	
MW-11	01/20/14	27.80			6,978.14	6,950.34	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-11	02/10/14	27.80			6,978.14	6,950.34	
MW-11	04/07/14	28.03			6,978.14	6,950.11	
MW-11	07/14/14	27.31			6,978.14	6,950.83	
MW-11	09/24/14	27.19			6,978.14	6,950.95	
MW-11	10/26/15	23.86			6,978.14	6,954.28	
MW-11	04/04/16	25.62			6,978.14	6,952.52	
MW-11	12/14/16	26.16			6,978.14	6,951.98	
MW-11	08/14/17	26.34			6,978.14	6,951.80	
MW-11	02/19/18	26.65			6,978.14	6,951.49	
MW-11	08/08/18	27.11			6,978.14	6,951.03	
MW-11	02/20/19	27.00			6,978.14	6,951.14	
MW-11	09/23/19	26.02			6,978.14	6,952.12	
MW-11	07/29/22	26.80			6,978.14	6,951.34	
MW-11	11/14/22	25.41			6,978.14	6,952.73	
MW-11	04/03/23	26.67			6,978.14	6,951.47	
MW-12	10/24/09	26.98			6,978.97	6,951.99	
MW-12	11/07/09	26.92			6,978.97	6,952.05	
MW-12	03/23/10	26.44			6,978.97	6,952.53	
MW-12	10/25/10				6,978.97		Dry
MW-12	10/03/11				6,978.97		Dry
MW-12	01/03/12	32.38			6,978.97	6,946.59	
MW-12	04/09/12	31.32			6,978.97	6,947.65	
MW-12	07/16/12	30.68			6,978.97	6,948.29	
MW-12	10/08/12	30.10			6,978.97	6,948.87	
MW-12	01/07/13	29.81			6,978.97	6,949.16	
MW-12	04/01/13	29.68			6,978.97	6,949.29	
MW-12	06/24/13	29.55			6,978.97	6,949.42	
MW-12	09/17/13	29.11			6,978.97	6,949.86	
MW-12	12/17/13	28.80			6,978.97	6,950.17	
MW-12	01/20/14	28.60			6,978.97	6,950.37	
MW-12	02/10/14	28.60			6,978.97	6,950.37	
MW-12	04/07/14	28.81			6,978.97	6,950.16	
MW-12	07/14/14	28.12			6,978.97	6,950.85	
MW-12	10/26/15	24.57			6,978.97	6,954.40	
MW-12	04/04/16	26.36			6,978.97	6,952.61	
MW-12	12/14/16	26.95			6,978.97	6,952.02	
MW-12	08/14/17	27.11			6,978.97	6,951.86	
MW-12	02/19/18	27.65			6,978.97	6,951.32	
MW-12	08/08/18	27.92			6,978.97	6,951.05	
MW-12	02/21/19	27.79			6,978.97	6,951.18	
MW-13	03/09/11	36.15			6,977.42	6,941.27	
MW-13	06/14/11	35.10			6,977.42	6,942.32	
MW-13	10/03/11	32.99			6,977.42	6,944.43	
MW-13	01/03/12	30.54			6,977.42	6,946.88	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-13	04/09/12	29.59			6,977.42	6,947.83	
MW-13	07/16/12	29.00			6,977.42	6,948.42	
MW-13	10/08/12	28.50			6,977.42	6,948.92	
MW-13	01/07/13	28.20			6,977.42	6,949.22	
MW-13	04/01/13	28.00			6,977.42	6,949.42	
MW-13	06/24/13	27.96			6,977.42	6,949.46	
MW-13	09/17/13	27.50			6,977.42	6,949.92	
MW-13	10/10/13	27.40			6,977.42	6,950.02	
MW-13	12/16/13	27.09			6,977.42	6,950.33	
MW-13	01/20/14	27.10			6,977.42	6,950.32	
MW-13	02/10/14	26.87			6,977.42	6,950.55	
MW-13	04/07/14	27.26			6,977.42	6,950.16	
MW-13	07/14/14	26.55			6,977.42	6,950.87	
MW-13	09/24/14	26.46			6,977.42	6,950.96	
MW-13	10/26/15	23.17			6,977.42	6,954.25	
MW-13	04/04/16	24.89			6,977.42	6,952.53	
MW-13	12/14/16	25.45			6,977.42	6,951.97	
MW-13	08/14/17	25.50			6,977.42	6,951.92	
MW-13	02/19/18	25.80			6,977.42	6,951.62	
MW-13	08/08/18	26.37			6,977.42	6,951.05	
MW-13	02/20/19	26.24			6,977.42	6,951.18	
MW-14	03/09/11	35.85			6,978.05	6,942.20	
MW-14	06/14/11	36.08			6,978.05	6,941.97	
MW-14	10/03/11	33.63			6,978.05	6,944.42	
MW-14	01/03/12	31.10			6,978.05	6,946.95	
MW-14	04/09/12	29.91			6,978.05	6,948.14	
MW-14	07/16/12	29.38			6,978.05	6,948.67	
MW-14	10/08/12	29.14			6,978.05	6,948.91	
MW-14	01/07/13	28.81			6,978.05	6,949.24	
MW-14	04/01/13	28.71			6,978.05	6,949.34	
MW-14	06/24/13	28.62			6,978.05	6,949.43	
MW-14	09/17/13	28.10			6,978.05	6,949.95	
MW-14	12/16/13	27.80			6,978.05	6,950.25	
MW-14	01/20/14	27.69			6,978.05	6,950.36	
MW-14	02/10/14	27.66			6,978.05	6,950.39	
MW-14	04/07/14	27.86			6,978.05	6,950.19	
MW-14	07/14/14	27.17			6,978.05	6,950.88	
MW-14	09/24/14	27.08			6,978.05	6,950.97	
MW-14	10/26/15	23.81			6,978.05	6,954.24	
MW-14	04/04/16	25.50			6,978.05	6,952.55	
MW-14	12/14/16	26.04			6,978.05	6,952.01	
MW-14	08/14/17	26.15			6,978.05	6,951.90	
MW-14	02/19/18	26.46			6,978.05	6,951.59	
MW-14	08/08/18	26.96			6,978.05	6,951.09	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-14	02/20/19	26.86			6,978.05	6,951.19	
MW-15	03/09/11	36.25			6,977.43	6,941.18	
MW-15	05/09/11	37.26			6,977.43	6,940.17	
MW-15	06/14/11	36.81			6,977.43	6,940.62	
MW-15	10/03/11	33.00			6,977.43	6,944.43	
MW-15	01/03/12	30.92			6,977.43	6,946.51	
MW-15	04/09/12	29.60			6,977.43	6,947.83	
MW-15	07/16/12	29.00			6,977.43	6,948.43	
MW-15	10/08/12	28.52			6,977.43	6,948.91	
MW-15	01/07/13	28.18			6,977.43	6,949.25	
MW-15	04/01/13	28.10			6,977.43	6,949.33	
MW-15	06/24/13	27.98			6,977.43	6,949.45	
MW-15	09/17/13	27.50			6,977.43	6,949.93	
MW-15	12/16/13	27.13			6,977.43	6,950.30	
MW-15	01/20/14	27.05			6,977.43	6,950.38	
MW-15	02/10/14	27.00			6,977.43	6,950.43	
MW-15	04/07/14	27.22			6,977.43	6,950.21	
MW-15	07/14/14	26.55			6,977.43	6,950.88	
MW-15	10/26/15	23.22			6,977.43	6,954.21	
MW-15	04/04/16	24.87			6,977.43	6,952.56	
MW-15	12/14/16	25.42			6,977.43	6,952.01	
MW-15	08/14/17	25.52			6,977.43	6,951.91	
MW-15	02/19/18	25.92			6,977.43	6,951.51	
MW-15	08/08/18	26.35			6,977.43	6,951.08	
MW-15	02/20/19	26.26			6,977.43	6,951.17	
MW-15	09/24/19	25.29			6,977.43	6,952.14	
MW-15	07/29/22	26.03			6,977.43	6,951.40	
MW-15	11/14/22	25.67			6,977.43	6,951.76	
MW-15	04/03/23	25.97			6,977.43	6,951.46	
MW-16	08/11/14	21.59			6,972.49	6,950.90	
MW-16	10/26/15	18.32			6,972.49	6,954.17	
MW-16	04/07/16	19.97			6,972.49	6,952.52	
MW-16	12/14/16				6,972.49		Paved Over
MW-17	08/11/14	26.48			6,977.37	6,950.89	
MW-17	10/26/15	23.04			6,977.37	6,954.33	
MW-17	04/04/16	24.68			6,977.37	6,952.69	
MW-17	12/14/16	25.34			6,977.37	6,952.03	
MW-17	08/14/17	25.47			6,977.37	6,951.90	
MW-17	02/19/18	25.82			6,977.37	6,951.55	
MW-17	08/08/18	26.25			6,977.37	6,951.12	
MW-17	02/20/19	26.16			6,977.37	6,951.21	
MW-18	08/11/14	28.12			6,979.04	6,950.92	
MW-18	09/24/14	27.90			6,979.04	6,951.14	
MW-18	10/26/15	24.30			6,979.04	6,954.74	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
MW-18	04/06/16	26.14			6,979.04	6,952.90	
MW-18	12/14/16	26.45			6,979.04	6,952.59	
MW-18	08/15/17	26.83			6,979.04	6,952.21	
MW-18	02/21/18	27.57			6,979.04	6,951.47	
MW-18	08/09/18	27.70			6,979.04	6,951.34	
MW-18	02/22/19	27.60			6,979.04	6,951.44	
MW-19	08/11/14	29.21			6,979.96	6,950.75	
MW-19	10/26/15	25.76			6,979.96	6,954.20	
MW-19	04/07/16	27.15			6,979.96	6,952.81	
MW-19	12/14/16	27.81			6,979.96	6,952.15	
MW-19	08/14/17	27.69			6,979.96	6,952.27	
MW-19	02/21/18	28.41			6,979.96	6,951.55	
MW-19	08/08/18	28.90			6,979.96	6,951.06	
MW-19	02/22/19	28.59			6,979.96	6,951.37	
MW-20	08/11/14	30.31			6,981.70	6,951.39	
MW-20	09/24/14	30.28			6,981.70	6,951.42	
MW-20	10/26/15	26.59			6,981.70	6,955.11	
MW-20	04/05/16	27.44			6,981.70	6,954.26	
MW-20	12/14/16	28.40			6,981.70	6,953.30	
MW-20	08/14/17	27.16			6,981.70	6,954.54	
MW-20	02/21/18	29.03			6,981.70	6,952.67	
MW-20	08/09/18	30.05			6,981.70	6,951.65	
MW-20	02/21/19	29.78			6,981.70	6,951.92	
SFCMW-01	04/22/09	32.85	**31.86**	**0.99**	6,983.72	6,951.61	
SFCMW-01	04/28/09	32.81	**31.59**	**1.22**	6,983.72	6,951.83	
SFCMW-01	05/11/09	32.97	**31.34**	**1.63**	6,983.72	6,951.97	
SFCMW-01	06/26/09	33.23	**31.13**	**2.10**	6,983.72	6,952.07	
SFCMW-01	06/30/09	33.21	**31.12**	**2.09**	6,983.72	6,952.08	
SFCMW-01	07/02/09	33.21	**31.16**	**2.05**	6,983.72	6,952.05	
SFCMW-01	07/06/09	32.13	**31.49**	**0.64**	6,983.72	6,952.07	
SFCMW-01	07/10/09	31.63	**31.59**	**0.04**	6,983.72	6,952.12	
SFCMW-01	07/17/09	31.78	**31.54**	**0.24**	6,983.72	6,952.12	
SFCMW-01	07/24/09	31.61	**31.60**	**0.01**	6,983.72	6,952.12	
SFCMW-01	07/27/09	31.85	**31.55**	**0.30**	6,983.72	6,952.10	
SFCMW-01	07/31/09	31.61	**31.59**	**0.02**	6,983.72	6,952.13	
SFCMW-01	08/04/09	31.62	**31.60**	**0.02**	6,983.72	6,952.12	
SFCMW-01	08/07/09	31.79	**31.52**	**0.27**	6,983.72	6,952.13	
SFCMW-01	08/11/09	31.62	**31.60**	**0.02**	6,983.72	6,952.12	
SFCMW-01	08/14/09	31.62	**31.60**	**0.02**	6,983.72	6,952.12	
SFCMW-01	08/18/09	31.62	**31.59**	**0.03**	6,983.72	6,952.12	
SFCMW-01	08/21/09	31.61	**31.59**	**0.02**	6,983.72	6,952.13	
SFCMW-01	03/23/10	31.06	**30.73**	**0.33**	6,983.72	6,952.91	
SFCMW-01	10/03/11	38.31			6,982.15	6,943.84	NAPL Sheen
SFCMW-01	01/03/12	35.93			6,982.15	6,946.22	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-01	04/09/12	24.66			6,982.15	6,957.49	
SFCMW-01	07/16/12	34.07			6,982.15	6,948.08	
SFCMW-01	10/08/12	33.52			6,982.15	6,948.63	
SFCMW-01	01/07/13	33.05			6,982.26	6,949.21	
SFCMW-01	01/07/13	33.08			6,982.26	6,949.18	
SFCMW-01	06/24/13	33.06			6,982.26	6,949.20	
SFCMW-01	07/20/13	32.79			6,982.26	6,949.47	
SFCMW-01	07/25/13	32.85			6,982.26	6,949.41	
SFCMW-01	08/08/13	32.70			6,982.26	6,949.56	
SFCMW-01	08/22/13	32.66			6,982.26	6,949.60	
SFCMW-01	09/17/13	32.45			6,982.26	6,949.81	
SFCMW-01	09/26/13	32.39			6,982.26	6,949.87	
SFCMW-01	10/10/13	32.25			6,982.26	6,950.01	
SFCMW-01	10/24/13	32.20			6,982.26	6,950.06	
SFCMW-01	11/07/13	32.20			6,982.26	6,950.06	
SFCMW-01	11/14/13	31.99			6,982.26	6,950.27	
SFCMW-01	11/26/13	32.35			6,982.26	6,949.91	
SFCMW-01	12/16/13	31.95			6,982.26	6,950.31	
SFCMW-01	01/20/14	31.88			6,982.26	6,950.38	
SFCMW-01	02/10/14	31.82			6,982.26	6,950.44	
SFCMW-01	04/09/14	32.02			6,982.26	6,950.24	
SFCMW-01	07/17/14	31.48			6,982.26	6,950.78	
SFCMW-01	09/25/14	31.11			6,982.26	6,951.15	
SFCMW-01	10/28/15	26.65			6,982.26	6,955.61	
SFCMW-01	04/05/16	29.34			6,982.26	6,952.92	
SFCMW-01	12/14/16	30.10			6,982.26	6,952.16	
SFCMW-01	08/14/17	30.23			6,982.26	6,952.03	
SFCMW-01	02/20/18	30.77			6,982.26	6,951.49	
SFCMW-01	08/09/18	31.26			6,982.26	6,951.00	
SFCMW-01	02/21/19	30.97			6,982.26	6,951.29	
SFCMW-01	09/23/19	29.99			6,982.26	6,952.27	
SFCMW-01	08/01/22	30.87			6,982.26	6,951.39	
SFCMW-01	11/15/22	30.50			6,982.26	6,951.76	
SFCMW-01	04/03/23	30.65			6,982.26	6,951.61	
SFCMW-02	04/22/09	33.12	32.87	0.25	6,984.45	6,951.52	
SFCMW-02	04/28/09	32.88	32.55	0.33	6,984.45	6,951.82	
SFCMW-02	05/11/09	32.79	32.40	0.39	6,984.45	6,951.95	
SFCMW-02	06/26/09	32.86	32.24	0.62	6,984.45	6,952.06	
SFCMW-02	06/30/09	32.89	32.21	0.68	6,984.45	6,952.07	
SFCMW-02	07/10/09	32.80	32.20	0.60	6,984.45	6,952.10	
SFCMW-02	07/17/09	32.71	32.23	0.48	6,984.45	6,952.10	
SFCMW-02	07/21/09	32.71	32.23	0.48	6,984.45	6,952.10	
SFCMW-02	07/24/09	32.61	32.25	0.36	6,984.45	6,952.11	
SFCMW-02	07/27/09	32.59	32.26	0.33	6,984.45	6,952.11	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-02	07/31/09	32.54	32.27	0.27	6,984.45	6,952.11	
SFCMW-02	08/07/09	32.42	32.28	0.14	6,984.45	6,952.14	
SFCMW-02	08/14/09	32.40	32.30	0.10	6,984.45	6,952.13	
SFCMW-02	08/21/09	32.36	32.31	0.05	6,984.45	6,952.13	
SFCMW-02	03/23/10	31.62	31.52	0.10	6,984.45	6,952.91	
SFCMW-02	10/03/11	38.60			6,984.45	6,945.85	
SFCMW-02	01/03/12	36.27			6,984.45	6,948.18	
SFCMW-02	04/09/12	35.00			6,984.45	6,949.45	
SFCMW-02	07/16/12	34.35			6,984.45	6,950.10	
SFCMW-02	10/08/12	33.77			6,984.45	6,950.68	
SFCMW-02	01/07/13	33.38			6,982.50	6,949.12	
SFCMW-02	04/01/13	33.30			6,982.50	6,949.20	
SFCMW-02	06/24/13	33.20			6,982.50	6,949.30	
SFCMW-02	09/17/13	32.65			6,982.50	6,949.85	
SFCMW-02	12/16/13	32.25			6,982.50	6,950.25	
SFCMW-02	01/20/14	32.10			6,982.50	6,950.40	
SFCMW-02	02/10/14	32.08			6,982.50	6,950.42	
SFCMW-02	04/09/14	32.29			6,982.50	6,950.21	
SFCMW-02	07/14/14	31.73			6,982.50	6,950.77	
SFCMW-02	09/26/14	31.43			6,982.50	6,951.07	
SFCMW-02	10/28/15	27.02			6,982.50	6,955.48	
SFCMW-02	04/05/16	29.58			6,982.50	6,952.92	
SFCMW-02	12/14/16	30.35			6,982.50	6,952.15	
SFCMW-02	08/14/17	30.51			6,982.50	6,951.99	
SFCMW-02	02/20/18	30.97			6,982.50	6,951.53	
SFCMW-02	08/09/18	31.46			6,982.50	6,951.04	
SFCMW-02	02/21/19	31.22			6,982.50	6,951.28	
SFCMW-02	10/25/19	30.02			6,982.50	6,952.48	
SFCMW-02	08/01/22	31.10			6,982.50	6,951.40	
SFCMW-02	11/15/22	30.70			6,982.50	6,951.80	
SFCMW-02	04/03/23	30.97			6,982.50	6,951.53	
SFCMW-03	04/22/09	33.52	33.47	0.05	6,985.01	6,951.53	
SFCMW-03	04/28/09	33.31			6,985.01	6,951.70	
SFCMW-03	05/11/09	33.13	33.08	0.05	6,985.01	6,951.92	
SFCMW-03	06/26/09	32.96	32.95	0.01	6,985.01	6,952.06	
SFCMW-03	06/30/09	33.02	32.92	0.10	6,985.01	6,952.07	
SFCMW-03	07/10/09	33.02	32.91	0.11	6,985.01	6,952.07	
SFCMW-03	07/17/09	33.03	32.91	0.12	6,985.01	6,952.07	
SFCMW-03	07/24/09	33.03	32.91	0.12	6,985.01	6,952.07	
SFCMW-03	07/31/09	33.02	32.91	0.11	6,985.01	6,952.07	
SFCMW-03	08/07/09	33.02	32.89	0.13	6,985.01	6,952.09	
SFCMW-03	08/14/09	33.03	32.89	0.14	6,985.01	6,952.09	
SFCMW-03	08/21/09	33.05	32.90	0.15	6,985.01	6,952.07	
SFCMW-03	03/23/10	32.41	32.21	0.20	6,985.01	6,952.75	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-03	10/03/11	39.74			6,985.01	6,945.27	
SFCMW-03	01/03/12	37.40			6,985.01	6,947.61	
SFCMW-03	04/09/12	36.09			6,983.67	6,947.58	
SFCMW-03	07/16/12	35.45			6,983.67	6,948.22	
SFCMW-03	10/08/12	35.12			6,983.67	6,948.55	
SFCMW-03	01/07/13	34.18			6,983.74	6,949.56	
SFCMW-03	04/01/13	34.19			6,983.74	6,949.55	
SFCMW-03	06/24/13	34.40			6,983.74	6,949.34	
SFCMW-03	09/17/13	33.90			6,983.74	6,949.84	
SFCMW-03	12/16/13	33.35			6,983.74	6,950.39	
SFCMW-03	01/20/14	33.37			6,983.74	6,950.37	
SFCMW-03	02/10/14	33.32			6,983.74	6,950.42	
SFCMW-03	04/09/14	33.55			6,983.74	6,950.19	
SFCMW-03	07/14/14	32.96			6,983.74	6,950.78	
SFCMW-03	09/25/14	32.71			6,983.74	6,951.03	
SFCMW-03	10/27/15	28.84			6,983.74	6,954.90	
SFCMW-03	04/05/16	29.86			6,983.74	6,953.88	
SFCMW-03	12/14/16	31.62			6,983.74	6,952.12	
SFCMW-03	08/14/17	31.81			6,983.74	6,951.93	
SFCMW-03	02/20/18	32.24			6,983.74	6,951.50	
SFCMW-03	08/09/18	31.48			6,983.74	6,952.26	
SFCMW-03	02/21/19	32.45			6,983.74	6,951.29	
SFCMW-03	10/25/19	31.19			6,983.74	6,952.55	
SFCMW-03	08/02/22	32.25			6,983.74	6,951.49	
SFCMW-03	11/15/22	32.90			6,983.74	6,950.84	
SFCMW-03	04/03/23	32.15			6,983.74	6,951.59	
SFCMW-04	04/22/09	33.27	**33.02**	**0.25**	6,984.65	6,951.57	
SFCMW-04	04/28/09	33.02	**32.81**	**0.21**	6,984.65	6,951.79	
SFCMW-04	05/11/09	32.87	**32.67**	**0.20**	6,984.65	6,951.93	
SFCMW-04	06/26/09	32.87	**32.52**	**0.35**	6,984.65	6,952.04	
SFCMW-04	06/30/09	33.00	**32.48**	**0.52**	6,984.65	6,952.04	
SFCMW-04	07/10/09	32.77	**32.49**	**0.28**	6,984.65	6,952.09	
SFCMW-04	07/17/09	32.63	**32.53**	**0.10**	6,984.65	6,952.10	
SFCMW-04	07/21/09	32.63	**32.55**	**0.08**	6,984.65	6,952.08	
SFCMW-04	07/24/09	32.60	**32.55**	**0.05**	6,984.65	6,952.09	
SFCMW-04	07/27/09	32.59	**32.54**	**0.05**	6,984.65	6,952.10	
SFCMW-04	07/31/09	32.59	**32.54**	**0.05**	6,984.65	6,952.10	
SFCMW-04	08/07/09	32.56	**32.53**	**0.03**	6,984.65	6,952.11	
SFCMW-04	08/14/09	32.61	**32.54**	**0.07**	6,984.65	6,952.09	
SFCMW-04	08/21/09	32.65	**32.53**	**0.12**	6,984.65	6,952.09	
SFCMW-04	03/23/10	32.08	**31.97**	**0.11**	6,984.65	6,952.65	
SFCMW-04	10/03/11				6,984.65		Dry - presumed destroyed
SFCMW-04	01/03/12				6,984.65		Plugged and abandoned
SFCMW-05	04/22/09	34.11	**31.57**	**2.54**	6,983.85	6,951.65	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-05	04/28/09	33.93	31.46	2.47	6,983.85	6,951.77	
SFCMW-05	05/11/09	33.65	31.35	2.30	6,983.85	6,951.93	
SFCMW-05	06/26/09	33.38	31.27	2.11	6,983.85	6,952.05	
SFCMW-05	06/30/09	33.37	31.26	2.11	6,983.85	6,952.06	
SFCMW-05	07/02/09	33.33	31.29	2.04	6,983.85	6,952.05	
SFCMW-05	07/06/09	33.20	31.31	1.89	6,983.85	6,952.07	
SFCMW-05	07/10/09	31.63	31.59	0.04	6,983.85	6,952.25	
SFCMW-05	07/17/09	33.16	32.30	0.86	6,983.85	6,951.34	
SFCMW-05	07/24/09	33.22	31.29	1.93	6,983.85	6,952.08	
SFCMW-05	07/27/09	33.17	31.29	1.88	6,983.85	6,952.09	
SFCMW-05	07/31/09	32.56	31.49	1.07	6,983.85	6,952.09	
SFCMW-05	08/04/09	32.46	31.52	0.94	6,983.85	6,952.10	
SFCMW-05	08/07/09	32.77	31.41	1.36	6,983.85	6,952.10	
SFCMW-05	08/14/09	33.14	31.32	1.82	6,983.85	6,952.08	
SFCMW-05	08/21/09	31.78	31.76	0.02	6,983.85	6,952.09	
SFCMW-05	03/23/10	31.78	30.95	0.83	6,983.85	6,952.69	
SFCMW-05	10/03/11				6,983.85		Dry
SFCMW-05	01/03/12				6,983.85		Plugged and abandoned
SFCMW-06	04/22/09	29.36	29.30	0.06	6,981.02	6,951.71	
SFCMW-06	04/28/09	29.26	29.20	0.06	6,981.02	6,951.81	
SFCMW-06	05/11/09	29.14	29.07	0.07	6,981.02	6,951.93	
SFCMW-06	06/26/09	29.18	28.93	0.25	6,981.02	6,952.03	
SFCMW-06	06/30/09	29.15	28.90	0.25	6,981.02	6,952.06	
SFCMW-06	07/10/09	29.12	28.88	0.24	6,981.02	6,952.08	
SFCMW-06	07/17/09	29.15	28.88	0.27	6,981.02	6,952.07	
SFCMW-06	07/24/09	29.15	28.86	0.29	6,981.02	6,952.09	
SFCMW-06	07/31/09	29.08	28.90	0.18	6,981.02	6,952.08	
SFCMW-06	08/07/09	28.96	28.92	0.04	6,981.02	6,952.09	
SFCMW-06	08/14/09	28.97	28.93	0.04	6,981.02	6,952.08	
SFCMW-06	08/21/09	28.98	28.95	0.03	6,981.02	6,952.06	
SFCMW-06	03/23/10	28.25	28.24	0.01	6,981.02	6,952.78	
SFCMW-06	07/18/11				6,981.02		Dry
SFCMW-06	08/08/11				6,981.02		Dry
SFCMW-06	08/22/11	38.21			6,981.02	6,942.81	
SFCMW-06	09/06/11	37.88			6,981.02	6,943.14	
SFCMW-06	10/03/11	36.71			6,981.02	6,944.31	
SFCMW-06	10/17/11	36.49			6,981.02	6,944.53	
SFCMW-06	11/01/11	35.85			6,981.02	6,945.17	
SFCMW-06	11/15/11	35.36			6,981.02	6,945.66	
SFCMW-06	01/03/12	34.44			6,981.02	6,946.58	
SFCMW-06	04/09/12	33.28			6,981.02	6,947.74	
SFCMW-06	07/16/12	32.10			6,980.77	6,948.67	
SFCMW-06	10/08/12	31.65			6,980.77	6,949.12	
SFCMW-06	01/07/13	31.30			6,980.41	6,949.11	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-06	04/01/13	31.13			6,980.41	6,949.28	
SFCMW-06	06/24/13	31.07			6,980.41	6,949.34	
SFCMW-06	09/17/13	30.37			6,980.41	6,950.04	
SFCMW-06	12/16/13	30.15			6,980.41	6,950.26	
SFCMW-06	01/20/14	30.03			6,980.41	6,950.38	
SFCMW-06	02/10/14	30.00			6,980.41	6,950.41	
SFCMW-06	04/08/14	30.25			6,980.41	6,950.16	
SFCMW-06	07/14/14	29.35			6,980.41	6,951.06	
SFCMW-06	09/26/14	29.36			6,980.41	6,951.05	
SFCMW-06	10/27/15	25.85			6,980.41	6,954.56	
SFCMW-06	04/04/16	27.83			6,980.41	6,952.58	
SFCMW-06	12/14/16	28.49			6,980.41	6,951.92	
SFCMW-06	08/14/17	28.53			6,980.41	6,951.88	
SFCMW-06	02/20/18	29.00			6,980.41	6,951.41	
SFCMW-06	08/09/18	29.27			6,980.41	6,951.14	
SFCMW-06	02/21/19	29.17			6,980.41	6,951.24	
SFCMW-07	05/04/09	29.12			6,979.65	6,950.53	
SFCMW-07	05/11/09	28.88	**27.42**	**1.46**	6,979.65	6,951.87	
SFCMW-07	06/26/09	29.06	**27.18**	**1.88**	6,979.65	6,952.00	
SFCMW-07	06/30/09	29.03	**27.15**	**1.88**	6,979.65	6,952.03	
SFCMW-07	07/10/09	28.65	**27.27**	**1.38**	6,979.65	6,952.04	
SFCMW-07	07/17/09	28.67	**27.30**	**1.37**	6,979.65	6,952.01	
SFCMW-07	07/21/09	28.74	**27.29**	**1.45**	6,979.65	6,952.00	
SFCMW-07	07/24/09	28.70	**27.30**	**1.40**	6,979.65	6,952.00	
SFCMW-07	07/31/09	28.66	**27.31**	**1.35**	6,979.65	6,952.00	
SFCMW-07	08/07/09	28.54	**27.32**	**1.22**	6,979.65	6,952.03	
SFCMW-07	08/14/09	28.56	**27.30**	**1.26**	6,979.65	6,952.04	
SFCMW-07	08/21/09	28.53	**27.30**	**1.23**	6,979.65	6,952.04	
SFCMW-07	11/07/09	27.23			6,979.65	6,952.42	
SFCMW-07	03/23/10	28.06	**26.81**	**1.25**	6,979.65	6,952.53	
SFCMW-07	12/07/10				6,979.65		Dry
SFCMW-07	10/03/11				6,979.65		Dry
SFCMW-07	01/03/12	31.62			6,979.65	6,948.03	
SFCMW-07	04/09/12	32.37			6,979.65	6,947.28	
SFCMW-07	07/16/12	31.58			6,979.65	6,948.07	
SFCMW-07	10/08/12	30.84			6,979.65	6,948.81	
SFCMW-07	01/09/13	30.67			6,980.42	6,949.75	
SFCMW-07	04/01/13	31.41			6,980.42	6,949.01	
SFCMW-07	06/24/13	31.38			6,980.42	6,949.04	
SFCMW-07	09/17/13	30.64			6,980.42	6,949.78	
SFCMW-07	12/16/13	30.21			6,980.42	6,950.21	
SFCMW-07	01/20/14	30.08			6,980.42	6,950.34	
SFCMW-07	02/10/14	30.00			6,980.42	6,950.42	
SFCMW-07	04/08/14	30.23			6,980.42	6,950.19	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-07	07/14/14	29.61			6,980.42	6,950.81	
SFCMW-07	09/26/14	29.45			6,980.42	6,950.97	
SFCMW-07	10/27/15	26.01			6,980.42	6,954.41	
SFCMW-07	04/04/16	27.85			6,980.42	6,952.57	
SFCMW-07	12/14/16	28.49			6,980.42	6,951.93	
SFCMW-07	08/14/17	28.64			6,980.42	6,951.78	
SFCMW-07	02/19/18	28.90			6,980.42	6,951.52	
SFCMW-07	08/08/18	29.38			6,980.42	6,951.04	
SFCMW-07	02/20/19	29.27			6,980.42	6,951.15	
SFCMW-07	09/24/19	28.26			6,980.42	6,952.16	
SFCMW-07	07/29/22	29.08			6,980.42	6,951.34	
SFCMW-07	11/15/22	28.75			6,980.42	6,951.67	
SFCMW-07	04/03/23	28.95			6,980.42	6,951.47	
SFCMW-08	05/04/09	29.85			6,978.89	6,949.04	
SFCMW-08	05/11/09	26.79			6,978.89	6,952.10	
SFCMW-08	05/28/09	26.81			6,978.89	6,952.08	
SFCMW-08	06/26/09	26.65			6,978.89	6,952.24	
SFCMW-08	07/20/09	26.63			6,978.89	6,952.26	
SFCMW-08	08/06/09	26.65			6,978.89	6,952.24	
SFCMW-08	08/17/09	26.56			6,978.89	6,952.33	
SFCMW-08	03/23/10	25.38			6,978.89	6,953.51	
SFCMW-08	09/27/10				6,978.89		Dry
SFCMW-08	10/03/11				6,978.89		Dry
SFCMW-08	01/03/12	31.99			6,978.89	6,946.90	
SFCMW-08	04/09/12	30.85			6,978.89	6,948.04	
SFCMW-08	07/16/12	30.34			6,978.89	6,948.55	
SFCMW-08	10/08/12	30.91			6,978.89	6,947.98	
SFCMW-08	01/07/13	30.47			6,978.89	6,948.42	
SFCMW-08	04/01/13	30.50			6,978.89	6,948.39	
SFCMW-08	06/24/13	30.20			6,978.89	6,948.69	
SFCMW-08	09/17/13	28.48			6,978.89	6,950.41	
SFCMW-08	12/16/13	29.23			6,978.89	6,949.66	
SFCMW-08	01/20/14	29.34			6,978.89	6,949.55	
SFCMW-08	02/10/14	29.37			6,978.89	6,949.52	
SFCMW-08	04/07/14	29.63			6,978.89	6,949.26	
SFCMW-08	07/14/14	28.05			6,978.89	6,950.84	
SFCMW-08	10/27/15	24.70			6,978.89	6,954.19	
SFCMW-08	04/07/16	26.53			6,978.89	6,952.36	
SFCMW-08	12/14/16	27.74			6,978.89	6,951.15	
SFCMW-08	08/14/17	27.73			6,978.89	6,951.16	
SFCMW-08	02/20/18	28.44			6,978.89	6,950.45	
SFCMW-08	08/08/18	27.80			6,978.89	6,951.09	
SFCMW-08	02/20/19	28.41			6,978.89	6,950.48	
SFCMW-09	05/04/09	26.20			6,977.29	6,951.09	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-09	05/11/09	26.19			6,977.29	6,951.10	
SFCMW-09	05/28/09	26.30			6,977.29	6,950.99	
SFCMW-09	06/26/09	26.31			6,977.29	6,950.98	
SFCMW-09	07/20/09	26.16			6,977.29	6,951.13	
SFCMW-09	08/07/09	26.12			6,977.29	6,951.17	
SFCMW-09	08/17/09	25.71			6,977.29	6,951.58	
SFCMW-09	03/23/10	24.66			6,977.29	6,952.63	
SFCMW-09	09/27/10	26.33			6,977.29	6,950.96	
SFCMW-09	10/25/10	26.71			6,977.29	6,950.58	
SFCMW-09	12/06/10	28.41			6,977.29	6,948.88	
SFCMW-09	03/09/11	29.22			6,977.29	6,948.07	
SFCMW-09	06/14/11				6,977.29		Vault obstructed
SFCMW-09	10/03/11				6,977.29		Dry
SFCMW-09	01/03/12				6,977.29		Plugged and abandoned
SFCMW-09D	03/23/10	25.22			6,977.81	6,952.59	
SFCMW-09D	09/27/10	32.52			6,977.81	6,945.29	
SFCMW-09D	10/25/10	34.82			6,977.81	6,942.99	
SFCMW-09D	12/06/10	35.59			6,977.81	6,942.22	
SFCMW-09D	03/09/11	36.76			6,977.81	6,941.05	
SFCMW-09D	06/14/11	37.11			6,977.81	6,940.70	
SFCMW-09D	10/03/11	33.31			6,977.81	6,944.50	
SFCMW-09D	01/03/12	30.56			6,977.81	6,947.25	
SFCMW-09D	04/09/12	29.38			6,977.81	6,948.43	
SFCMW-09D	07/16/12	28.85			6,975.05	6,948.96	
SFCMW-09D	10/08/12	26.25			6,975.05	6,951.56	
SFCMW-09D	01/07/13	25.75			6,975.05	6,952.06	
SFCMW-09D	01/20/13	24.75			6,975.05	6,953.06	
SFCMW-09D	02/10/13	24.61			6,975.05	6,953.20	
SFCMW-09D	04/01/13	25.81			6,975.05	6,952.00	
SFCMW-09D	04/07/13	24.93			6,975.05	6,952.88	
SFCMW-09D	06/24/13	25.75			6,975.05	6,952.06	
SFCMW-09D	07/14/13	23.98			6,975.05	6,953.83	
SFCMW-09D	09/17/13	25.09			6,975.05	6,952.72	
SFCMW-09D	12/16/13	24.80			6,975.05	6,953.01	
SFCMW-09D	12/14/16	23.20			6,975.05	6,954.61	
SFCMW-09D	08/14/17	23.25			6,975.05	6,954.56	
SFCMW-10	08/17/09	28.93	**28.70**	**0.23**	6,980.85	6,952.09	
SFCMW-10	03/23/10	29.05	**27.58**	**1.47**	6,980.85	6,952.90	
SFCMW-10	12/06/10				6,980.85		Dry
SFCMW-10	08/08/11				6,980.85		Dry
SFCMW-10	08/22/11	38.30			6,980.85	6,942.55	
SFCMW-10	09/06/11	37.89			6,980.85	6,942.96	
SFCMW-10	09/19/11	37.30			6,980.85	6,943.55	
SFCMW-10	10/03/11	36.73			6,980.85	6,944.12	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-10	10/17/11	36.36			6,980.85	6,944.49	
SFCMW-10	11/01/11	35.75			6,980.85	6,945.10	
SFCMW-10	11/15/11	35.35			6,980.85	6,945.50	
SFCMW-10	01/03/12	34.33			6,980.85	6,946.52	
SFCMW-10	04/09/12	33.11			6,980.85	6,947.74	
SFCMW-10	07/16/12	32.54			6,980.85	6,948.31	
SFCMW-10	10/08/12	32.16			6,980.85	6,948.69	
SFCMW-10	01/07/13	31.25			6,980.50	6,949.25	
SFCMW-10	04/01/13	31.25			6,980.50	6,949.25	
SFCMW-10	06/24/13	31.21			6,980.50	6,949.29	
SFCMW-10	07/20/13	31.02			6,980.50	6,949.48	
SFCMW-10	07/25/13	31.10			6,980.50	6,949.40	
SFCMW-10	08/08/13	31.05			6,980.50	6,949.45	
SFCMW-10	08/22/13	30.90			6,980.50	6,949.60	
SFCMW-10	09/17/13	30.65			6,980.50	6,949.85	
SFCMW-10	09/26/13	30.70			6,980.50	6,949.80	
SFCMW-10	10/10/13	30.50			6,980.50	6,950.00	
SFCMW-10	10/24/13	30.49			6,980.50	6,950.01	
SFCMW-10	11/07/13	30.40			6,980.50	6,950.10	
SFCMW-10	11/14/13	30.30			6,980.50	6,950.20	
SFCMW-10	11/26/13	30.60			6,980.50	6,949.90	
SFCMW-10	12/16/13	30.20			6,980.50	6,950.30	
SFCMW-10	01/20/14	30.10			6,980.50	6,950.40	
SFCMW-10	02/10/14	30.05			6,980.50	6,950.45	
SFCMW-10	04/09/14	30.30			6,980.50	6,950.20	
SFCMW-10	07/17/14	29.70			6,980.50	6,950.80	
SFCMW-10	09/25/14	29.42			6,980.50	6,951.08	
SFCMW-10	10/27/15	25.11			6,980.50	6,955.39	
SFCMW-10	04/05/16	27.62			6,980.50	6,952.88	
SFCMW-10	12/14/16	28.30			6,980.50	6,952.20	
SFCMW-10	08/14/17	28.42			6,980.50	6,952.08	
SFCMW-10	02/20/18	28.95			6,980.50	6,951.55	
SFCMW-10	08/08/18	29.48			6,980.50	6,951.02	
SFCMW-10	02/22/19	29.20			6,980.50	6,951.30	
SFCMW-10	09/23/19	28.25			6,980.50	6,952.25	
SFCMW-10	08/01/22	29.12			6,980.50	6,951.38	
SFCMW-10	11/16/22	28.84			6,980.50	6,951.66	
SFCMW-10	04/03/23	28.86			6,980.50	6,951.64	
SFCMW-11	08/17/09	25.71			6,977.91	6,952.20	
SFCMW-11	11/07/09	25.74			6,977.91	6,952.17	
SFCMW-11	03/23/10	25.24	25.23	0.01	6,977.91	6,952.68	
SFCMW-11	09/27/10	33.29	33.28	0.01	6,977.91	6,944.63	
SFCMW-11	10/25/10				6,977.91		Dry
SFCMW-11	12/06/10				6,977.91		Dry

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-11	03/09/11	34.52			6,977.91	6,943.39	
SFCMW-11	06/14/11	33.61			6,977.91	6,944.30	
SFCMW-11	10/03/11	33.54			6,977.91	6,944.37	
SFCMW-11	01/03/12	30.71			6,977.91	6,947.20	
SFCMW-11	04/09/12	30.16			6,977.91	6,947.75	
SFCMW-11	07/16/12	29.56			6,977.91	6,948.35	
SFCMW-11	10/08/12	29.09			6,977.91	6,948.82	
SFCMW-11	01/07/13	28.75			6,977.91	6,949.16	
SFCMW-11	04/01/13	28.65			6,977.91	6,949.26	
SFCMW-11	06/24/13	28.60			6,977.91	6,949.31	
SFCMW-11	09/17/13	28.14			6,977.91	6,949.77	
SFCMW-11	12/16/13	27.70			6,977.91	6,950.21	
SFCMW-11	01/20/14	27.60			6,977.91	6,950.31	
SFCMW-11	02/10/14	27.54			6,977.91	6,950.37	
SFCMW-11	04/08/14	27.74			6,977.91	6,950.17	
SFCMW-11	07/14/14	27.10			6,977.91	6,950.81	
SFCMW-11	10/27/15	23.60			6,977.91	6,954.31	
SFCMW-11	04/06/16	25.44			6,977.91	6,952.47	
SFCMW-11	12/14/16	26.02			6,977.91	6,951.89	
SFCMW-11	08/14/17	26.15			6,977.91	6,951.76	
SFCMW-11	02/19/18	26.38			6,977.91	6,951.53	
SFCMW-11	08/08/18	26.86			6,977.91	6,951.05	
SFCMW-11	02/20/19	26.78			6,977.91	6,951.13	
SFCMW-12	08/17/09	25.73			6,977.87	6,952.14	
SFCMW-12	11/07/09	25.76			6,977.87	6,952.11	
SFCMW-12	03/23/10	25.23			6,977.87	6,952.64	
SFCMW-12	09/27/10				6,977.87		Dry
SFCMW-12	10/03/11				6,977.87		Dry
SFCMW-12	01/03/12	30.81			6,977.87	6,947.06	
SFCMW-12	04/09/12	30.07			6,977.87	6,947.80	
SFCMW-12	07/16/12	29.35			6,977.87	6,948.52	
SFCMW-12	10/08/12	28.96			6,977.87	6,948.91	
SFCMW-12	01/07/13	28.56			6,977.79	6,949.23	
SFCMW-12	04/01/13	28.37			6,977.79	6,949.42	
SFCMW-12	06/24/13	28.35			6,977.79	6,949.44	
SFCMW-12	09/17/13	27.94			6,977.79	6,949.85	
SFCMW-12	12/17/13	27.57			6,977.79	6,950.22	
SFCMW-12	01/20/14	27.44			6,977.79	6,950.35	
SFCMW-12	02/10/14	27.38			6,977.79	6,950.41	
SFCMW-12	04/08/14	27.58			6,977.79	6,950.21	
SFCMW-12	07/14/14	26.96			6,977.79	6,950.83	
SFCMW-12	10/27/15	23.47			6,977.79	6,954.32	
SFCMW-12	04/04/16	25.30			6,977.79	6,952.49	
SFCMW-12	12/14/16	25.90			6,977.79	6,951.89	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFCMW-12	08/14/17	26.00			6,977.79	6,951.79	
SFCMW-12	02/19/18	26.24			6,977.79	6,951.55	
SFCMW-12	08/08/18	26.74			6,977.79	6,951.05	
SFCMW-12	02/20/19	26.65			6,977.79	6,951.14	
SFRMW-01	03/23/10	19.30			6,971.80	6,952.50	
SFRMW-01	09/27/10	25.94			6,971.80	6,945.86	
SFRMW-01	10/25/10				6,971.80		Dry
SFRMW-01	09/19/11				6,971.80		Dry
SFRMW-01	10/03/11	27.11			6,971.80	6,944.69	
SFRMW-01	10/17/11	26.86			6,971.80	6,944.94	
SFRMW-01	11/01/11	26.36			6,971.80	6,945.44	
SFRMW-01	11/15/11	25.93			6,971.80	6,945.87	
SFRMW-01	01/03/12	25.05			6,971.80	6,946.75	
SFRMW-01	04/09/12	23.87			6,971.80	6,947.93	
SFRMW-01	07/16/12	23.15			6,971.80	6,948.65	
SFRMW-01	10/08/12	22.74			6,971.80	6,949.06	
SFRMW-01	01/07/13	22.51			6,971.80	6,949.29	
SFRMW-01	04/01/13	22.37			6,971.80	6,949.43	
SFRMW-01	06/24/13	22.32			6,971.80	6,949.48	
SFRMW-01	09/17/13	21.93			6,971.80	6,949.87	
SFRMW-01	12/16/13	21.50			6,971.80	6,950.30	
SFRMW-01	07/14/14	20.95			6,971.80	6,950.85	
SFRMW-01D	09/27/10	25.60			6,972.05	6,946.45	
SFRMW-01D	10/25/10	27.01			6,972.05	6,945.04	NAPL Sheen
SFRMW-01D	12/06/10	28.10			6,972.05	6,943.95	
SFRMW-01D	03/09/11	29.12			6,972.05	6,942.93	
SFRMW-01D	06/14/11	29.94			6,972.05	6,942.11	
SFRMW-01D	10/03/11	27.11			6,972.05	6,944.94	
SFRMW-01D	01/03/12	25.63			6,972.05	6,946.42	
SFRMW-01D	04/09/12	23.98			6,972.05	6,948.07	
SFRMW-01D	07/16/12	23.15			6,972.05	6,948.90	
SFRMW-01D	10/08/12	22.90			6,972.05	6,949.15	
SFRMW-01D	01/07/13	22.42			6,972.05	6,949.63	
SFRMW-01D	04/01/13	22.50			6,972.05	6,949.55	
SFRMW-01D	06/24/13	22.55			6,972.05	6,949.50	
SFRMW-01D	09/17/13	22.22			6,972.05	6,949.83	
SFRMW-01D	12/16/13	21.32			6,972.05	6,950.73	
SFRMW-01D	07/14/14	20.95			6,972.05	6,951.10	
SFRMW-02	09/27/10	26.71			6,976.74	6,950.03	
SFRMW-02	10/25/10	27.35			6,976.74	6,949.39	
SFRMW-02	12/06/10	28.36			6,976.74	6,948.38	
SFRMW-02	03/09/11	29.46			6,976.74	6,947.28	
SFRMW-02	06/14/11				6,976.74		Dry
SFRMW-02	10/03/11	28.00			6,976.74	6,948.74	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SFRMW-02	01/03/12	27.82			6,976.74	6,948.92	
SFRMW-02	04/09/12	27.38			6,976.74	6,949.36	
SFRMW-02	07/16/12	26.36			6,976.74	6,950.38	
SFRMW-02	10/08/12	25.64			6,976.74	6,951.10	
SFRMW-02	01/07/13	26.56			6,976.74	6,950.18	
SFRMW-02	04/01/13	26.50			6,976.74	6,950.24	
SFRMW-02	06/24/13	26.00			6,976.74	6,950.74	
SFRMW-02	09/17/13	25.70			6,976.74	6,951.04	
SFRMW-02	12/16/13	25.90			6,976.74	6,950.84	
SFRMW-02	01/20/14	25.95			6,976.74	6,950.79	
SFRMW-02	02/10/14	25.93			6,976.74	6,950.81	
SFRMW-02	04/07/14	25.98			6,976.74	6,950.76	
SFRMW-02	07/14/14	23.79			6,976.74	6,952.95	
SVE-1	07/10/09	30.07	**29.62**	**0.45**	6,982.01	6,952.28	
SVE-1	07/17/09	29.95			6,982.01	6,952.06	
SVE-1	07/20/09	29.82			6,982.01	6,952.19	
SVE-1	08/06/09	29.84	**29.80**	**0.04**	6,982.01	6,952.20	
SVE-1	08/18/09	29.90	**29.78**	**0.12**	6,982.01	6,952.20	
SVE-1	09/14/09	30.24	**29.68**	**0.56**	6,982.01	6,952.19	
SVE-1	09/29/09	30.09	**29.64**	**0.45**	6,982.01	6,952.26	
SVE-1	11/08/09	30.01	**29.44**	**0.57**	6,982.01	6,952.43	
SVE-1	11/13/09	29.96	**29.39**	**0.57**	6,982.01	6,952.48	
SVE-1	03/23/10	29.15	**29.09**	**0.06**	6,982.01	6,952.91	
SVE-1	12/06/10				6,981.91		Dry
SVE-1	10/03/11	37.62			6,981.91	6,944.29	
SVE-1	01/03/12	32.13			6,981.91	6,949.78	
SVE-1	04/09/12	31.98			6,981.91	6,949.93	
SVE-1	07/16/12	31.38			6,981.91	6,950.53	
SVE-1	10/08/12	31.41			6,981.91	6,950.50	
SVE-1	01/07/13	31.82			6,981.91	6,950.09	
SVE-1	04/01/13	32.37			6,981.91	6,949.54	
SVE-1	06/24/13	32.20			6,981.91	6,949.71	
SVE-1	07/20/13	32.04			6,981.91	6,949.87	
SVE-1	09/17/13	31.75			6,981.91	6,950.16	
SVE-1	11/07/13	31.50			6,981.91	6,950.41	
SVE-1	12/16/13	31.75			6,981.91	6,950.16	
SVE-1	01/20/14	31.45			6,981.91	6,950.46	
SVE-1	02/10/14	31.43			6,981.91	6,950.48	
SVE-1	04/08/14	31.61			6,981.91	6,950.30	
SVE-1	07/14/14	31.08			6,981.91	6,950.83	
SVE-1	09/26/14	29.92			6,981.91	6,951.99	
SVE-1	10/26/15	24.59			6,981.91	6,957.32	
SVE-1	04/04/16	28.70			6,981.91	6,953.21	
SVE-1	12/14/16	29.29			6,981.91	6,952.62	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SVE-1	08/14/17	29.03			6,981.91	6,952.88	
SVE-1	02/21/18	30.09			6,981.91	6,951.82	
SVE-1	08/09/18	30.76			6,981.91	6,951.15	
SVE-1	02/21/19	30.39			6,981.91	6,951.52	
SVE-1	09/23/19	29.44			6,981.91	6,952.47	
SVE-1	08/01/22	30.36			6,981.91	6,951.55	
SVE-1	11/17/22	29.80			6,981.91	6,952.11	
SVE-1	04/03/23	30.02			6,981.91	6,951.89	
SVE-2	10/05/09	28.76			6,980.80	6,952.04	
SVE-2	11/08/09	28.52			6,980.80	6,952.28	
SVE-2	03/23/10	27.96			6,980.80	6,952.84	
SVE-2	09/28/10				6,980.80		Dry
SVE-2	10/03/11				6,980.80		Dry
SVE-2	01/03/12	34.37			6,980.80	6,946.43	
SVE-2	04/09/12	33.17			6,980.80	6,947.63	
SVE-2	07/16/12	32.58			6,980.80	6,948.22	
SVE-2	10/08/12	32.00			6,980.80	6,948.80	
SVE-2	01/07/13	31.54			6,980.80	6,949.26	
SVE-2	04/01/13	31.56			6,980.80	6,949.24	
SVE-2	06/24/13	31.52			6,980.80	6,949.28	
SVE-2	07/25/13	31.40			6,980.80	6,949.40	
SVE-2	08/08/13	31.30			6,980.80	6,949.50	
SVE-2	08/22/13	31.30			6,980.80	6,949.50	
SVE-2	09/17/13	31.00			6,980.80	6,949.80	
SVE-2	09/26/13	30.90			6,980.80	6,949.90	
SVE-2	10/10/13	30.80			6,980.80	6,950.00	
SVE-2	10/24/13	30.80			6,980.80	6,950.00	
SVE-2	11/14/13	30.30			6,980.80	6,950.50	
SVE-2	11/26/13	30.90			6,980.80	6,949.90	
SVE-2	12/16/13	30.50			6,980.80	6,950.30	
SVE-2	01/20/14	30.40			6,980.80	6,950.40	
SVE-2	02/10/14	30.42			6,980.80	6,950.38	
SVE-2	04/08/14	30.75			6,980.80	6,950.05	
SVE-2	07/14/14	30.06			6,980.80	6,950.74	
SVE-2	09/25/14	29.63			6,980.80	6,951.17	
SVE-2	10/27/15	25.54			6,980.80	6,955.26	
SVE-2	04/04/16	27.99			6,980.80	6,952.81	
SVE-2	12/14/16	28.59			6,980.80	6,952.21	
SVE-2	08/14/17	28.62			6,980.80	6,952.18	
SVE-2	02/21/18	29.40			6,980.80	6,951.40	
SVE-2	08/09/18	29.84			6,980.80	6,950.96	
SVE-2	02/21/19	29.59			6,980.80	6,951.21	
SVE-3	10/04/09	29.05			6,981.10	6,952.05	
SVE-3	11/08/09	28.81			6,981.10	6,952.29	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SVE-3	03/23/10	29.35	**27.90**	**1.45**	6,981.10	6,952.84	
SVE-3	12/06/10				6,980.98		Dry
SVE-3	10/03/11	37.01	**36.40**	**0.61**	6,980.98	6,944.43	
SVE-3	10/17/11	33.98	**33.90**	**0.08**	6,980.98	6,947.06	
SVE-3	11/01/11	34.43			6,980.98	6,946.55	NAPL Sheen
SVE-3	11/15/11	34.06	**34.03**	**0.03**	6,980.98	6,946.94	
SVE-3	11/28/11	33.28	**33.25**	**0.03**	6,980.98	6,947.72	
SVE-3	01/03/12	32.39	**32.38**	**0.01**	6,980.98	6,948.60	
SVE-3	04/09/12	31.68	**31.66**	**0.02**	6,980.98	6,949.32	
SVE-3	07/16/12	30.38	**30.36**	**0.02**	6,980.98	6,950.62	
SVE-3	10/08/12	32.07	**32.00**	**0.07**	6,980.98	6,948.96	
SVE-3	01/07/13	31.58			6,980.98	6,949.40	NAPL Sheen
SVE-3	04/01/13	31.70			6,980.98	6,949.28	NAPL Sheen
SVE-3	06/24/13	31.83			6,980.98	6,949.15	NAPL Sheen
SVE-3	07/20/13	31.47			6,980.98	6,949.51	
SVE-3	09/17/13	31.20			6,980.98	6,949.78	
SVE-3	10/10/13	31.40			6,980.98	6,949.58	
SVE-3	11/07/13	31.40			6,980.98	6,949.58	
SVE-3	12/16/13	29.80			6,980.98	6,951.18	
SVE-3	01/20/14	29.81			6,980.98	6,951.17	
SVE-3	02/10/14	30.67			6,980.98	6,950.31	
SVE-3	04/08/14	31.00			6,980.98	6,949.98	
SVE-3	07/14/14	30.27			6,980.98	6,950.71	
SVE-3	09/26/14	29.84			6,980.98	6,951.14	
SVE-3	10/27/15	26.63			6,980.98	6,954.35	
SVE-3	04/04/16	27.94			6,980.98	6,953.04	
SVE-3	12/15/16	28.54			6,980.98	6,952.44	
SVE-3	08/14/17	28.66			6,980.98	6,952.32	
SVE-3	02/21/18	29.44			6,980.98	6,951.54	
SVE-3	08/10/18	29.02			6,980.98	6,951.96	
SVE-3	02/22/19	29.69			6,980.98	6,951.29	
SVE-3	09/25/19	28.68			6,980.98	6,952.30	
SVE-3	08/01/22	29.55			6,980.98	6,951.43	
SVE-3	11/16/22	29.50			6,980.98	6,951.48	
SVE-3	04/03/23	29.37			6,980.98	6,951.61	
SVE-4	11/08/09	21.07			6,984.66	6,963.59	
SVE-4	11/13/09	21.05			6,984.66	6,963.61	
SVE-4	03/23/10	22.19			6,984.66	6,962.47	
SVE-4	09/28/10	20.61			6,984.66	6,964.05	
SVE-4	12/06/10	20.94			6,984.66	6,963.72	
SVE-4	03/09/11	21.90			6,984.66	6,962.76	
SVE-4	06/14/11	23.06			6,984.66	6,961.60	
SVE-4	10/03/11	20.76			6,984.66	6,963.90	
SVE-4	01/03/12	21.01			6,984.66	6,963.65	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	Date	Depth to Water	Depth to NAPL	NAPL Thickness	Top of Casing Elevation	Groundwater Elevation	Notes
SVE-4	04/09/12	22.48			6,984.66	6,962.18	
SVE-4	07/16/12	21.79			6,984.66	6,962.87	
SVE-4	10/08/12	20.66			6,984.66	6,964.00	
SVE-4	01/07/13	21.10			6,984.66	6,963.56	
SVE-4	04/01/13	22.65			6,984.66	6,962.01	
SVE-4	06/24/13	22.86			6,984.66	6,961.80	
SVE-4	07/20/13	22.34			6,984.66	6,962.32	
SVE-4	09/17/13	21.50			6,984.66	6,963.16	
SVE-4	11/07/13	20.85			6,984.66	6,963.81	
SVE-4	12/16/13	21.30			6,984.66	6,963.36	
SVE-4	01/20/14	21.93			6,984.66	6,962.73	
SVE-4	02/10/14	22.30			6,984.66	6,962.36	
SVE-4	04/07/14	23.65			6,984.66	6,961.01	
SVE-4	07/14/14	22.80			6,984.66	6,961.86	
SVE-4	10/26/15	19.39			6,984.66	6,965.27	
SVE-4	04/07/16	21.21			6,984.66	6,963.45	
SVE-4	12/15/16				6,984.66		Ozone emitter stuck in well
SVE-4	08/14/17				6,984.66		Ozone emitter stuck in well
SVE-4	08/08/18				6,984.66		Ozone emitter stuck in well
SVE-4	02/21/19				6,984.66		Ozone emitter stuck in well
SVE-5	11/08/09	30.40	30.38	0.02	6,982.69	6,952.31	
SVE-5	03/23/10	31.29	29.45	1.84	6,982.69	6,952.78	
SVE-5	09/27/10				6,982.69		Not gauged or sampled
SVE-5	11/17/10	40.05			6,982.69	6,942.64	
SVE-5	12/06/10				6,982.69		Dry
SVE-5	06/14/11				6,982.69		Dry
SVE-5	10/03/11	38.91			6,982.69	6,943.78	
SVE-5	01/03/12	36.46			6,982.69	6,946.23	
SVE-5	04/09/12	35.12			6,982.69	6,947.57	
SVE-5	07/16/12	34.48			6,982.69	6,948.21	
SVE-5	10/08/12	33.90			6,982.69	6,948.79	
SVE-5	01/07/13	33.41			6,982.69	6,949.28	
SVE-5	04/01/13	33.33			6,982.69	6,949.36	
SVE-5	06/24/13	33.38			6,982.69	6,949.31	
SVE-5	09/17/13	32.95			6,982.69	6,949.74	
SVE-5	12/16/13	32.20			6,982.69	6,950.49	
SVE-5	01/20/14	32.21			6,982.69	6,950.48	
SVE-5	02/10/14	32.02			6,982.69	6,950.67	
SVE-5	04/08/14	33.22			6,982.69	6,949.47	
SVE-5	07/14/14	31.81			6,982.69	6,950.88	
SVE-5	10/26/15	26.25			6,982.69	6,956.44	
SVE-5	04/05/16	29.65			6,982.69	6,953.04	
SVE-5	12/14/16	29.86			6,982.69	6,952.83	
SVE-5	08/14/17	29.93			6,982.69	6,952.76	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SVE-5	02/21/18				6,982.69		NM
SVE-5	08/08/18	31.21			6,982.69	6,951.48	
SVE-5	02/21/19	30.77			6,982.69	6,951.92	
SVE-6	09/27/10				6,982.50		Not gauged or sampled
SVE-6	12/07/10				6,982.50		Dry
SVE-6	10/03/11				6,982.50		
SVE-6	01/03/12	34.80			6,982.50	6,947.70	
SVE-6	04/09/12	33.92			6,982.50	6,948.58	
SVE-6	07/16/12	32.75			6,982.50	6,949.75	
SVE-6	10/08/12	33.71			6,982.50	6,948.79	
SVE-6	01/07/13	32.53			6,982.50	6,949.97	
SVE-6	04/01/13	33.15			6,982.50	6,949.35	
SVE-6	06/24/13	33.27			6,982.50	6,949.23	
SVE-6	07/20/13	33.09			6,982.50	6,949.41	
SVE-6	09/17/13	32.80			6,982.50	6,949.70	
SVE-6	11/07/13	32.40			6,982.50	6,950.10	
SVE-6	12/16/13	32.20			6,982.50	6,950.30	
SVE-6	01/20/14	32.42			6,982.50	6,950.08	
SVE-6	02/10/14	32.10			6,982.50	6,950.40	
SVE-6	04/07/14	32.48			6,982.50	6,950.02	
SVE-6	07/14/14	31.78			6,982.50	6,950.72	
SVE-6	10/28/15				6,982.50		Well blocked
SVE-6	04/07/16	29.61			6,982.50	6,952.89	
SVE-6	12/16/16	30.31			6,982.50	6,952.19	
SVE-6	02/21/18	30.94			6,982.50	6,951.56	
SVE-6	08/08/18	31.44			6,982.50	6,951.06	
SVE-6	02/21/19				6,982.50		Well blocked
SVE-7	09/27/10				6,983.01		Not gauged or sampled
SVE-7	12/06/10				6,983.01		Dry
SVE-7	10/03/11				6,983.01		Dry
SVE-7	01/03/12	34.74			6,983.01	6,948.27	
SVE-7	04/09/12	33.85			6,983.01	6,949.16	
SVE-7	07/16/12	33.21			6,983.01	6,949.80	
SVE-7	10/08/12	34.20			6,983.01	6,948.81	
SVE-7	01/07/13	32.49			6,983.01	6,950.52	
SVE-7	04/01/13	32.18			6,983.01	6,950.83	
SVE-7	06/24/13	33.59			6,983.01	6,949.42	
SVE-7	09/17/13	33.20			6,983.01	6,949.81	
SVE-7	12/16/13	32.70			6,983.01	6,950.31	
SVE-7	01/20/14	32.68			6,983.01	6,950.33	
SVE-7	02/10/14	32.51			6,983.01	6,950.50	
SVE-7	04/07/14	32.71			6,983.01	6,950.30	
SVE-7	07/14/14	32.18			6,983.01	6,950.83	
SVE-7	10/28/15				6,983.01		Blocked

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SVE-7	04/07/16	30.01			6,983.01	6,953.00	
SVE-7	12/16/16	30.71			6,983.01	6,952.30	
SVE-7	08/14/17				6,983.01		Blocked
SVE-7	02/21/18				6,983.01		Blocked
SVE-7	08/08/18	31.86			6,983.01	6,951.15	
SVE-7	02/21/19	31.62			6,983.01	6,951.39	
SVE-8	10/25/09	27.98			6,980.08	6,952.10	
SVE-8	03/23/10	27.55			6,980.08	6,952.53	
SVE-8	09/28/10				6,980.08		Dry
SVE-8	10/03/11				6,980.08		Dry
SVE-8	01/03/12	33.55			6,980.08	6,946.53	
SVE-8	04/09/12	32.32			6,980.08	6,947.76	
SVE-8	07/16/12	31.71			6,980.08	6,948.37	
SVE-8	10/08/12	31.23			6,980.08	6,948.85	
SVE-8	01/07/13	30.85			6,980.08	6,949.23	
SVE-8	04/01/13	30.37			6,980.08	6,949.71	
SVE-8	06/24/13	30.63			6,980.08	6,949.45	
SVE-8	09/17/13	30.21			6,980.08	6,949.87	
SVE-8	12/16/13	29.43			6,980.08	6,950.65	
SVE-8	01/20/14	29.62			6,980.08	6,950.46	
SVE-8	02/10/14	29.60			6,980.08	6,950.48	
SVE-8	04/07/14	29.90			6,980.08	6,950.18	
SVE-8	07/14/14	28.25			6,980.08	6,951.83	
SVE-8	10/26/15	25.59			6,980.08	6,954.49	
SVE-8	04/06/16	27.42			6,980.08	6,952.66	
SVE-8	12/15/16	28.06			6,980.08	6,952.02	
SVE-8	08/14/17	27.70			6,980.08	6,952.38	
SVE-8	02/20/18	28.52			6,980.08	6,951.56	
SVE-8	08/08/18	29.00			6,980.08	6,951.08	
SVE-8	02/20/19	28.86			6,980.08	6,951.22	
SVE-9	10/24/09	26.39	**26.24**	**0.15**	6,978.26	6,951.98	
SVE-9	10/31/09	27.66	**25.72**	**1.94**	6,978.26	6,952.06	
SVE-9	11/07/09	27.42	**25.82**	**1.60**	6,978.26	6,952.04	
SVE-9	03/23/10	26.65	**25.41**	**1.24**	6,978.26	6,952.54	
SVE-9	12/06/10				6,978.13		Dry
SVE-9	10/03/11				6,978.13		Water in the sump
SVE-9	01/03/12	29.82			6,978.13	6,948.31	
SVE-9	04/09/12	30.70			6,978.13	6,947.43	
SVE-9	07/16/12	29.98			6,978.13	6,948.15	
SVE-9	10/08/12	29.21			6,978.13	6,948.92	
SVE-9	01/07/13	29.03			6,978.13	6,949.10	
SVE-9	04/01/13	29.01			6,978.13	6,949.12	
SVE-9	06/24/13	28.80			6,978.13	6,949.33	
SVE-9	09/17/13	28.20			6,978.13	6,949.93	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SVE-9	12/16/13	27.87			6,978.13	6,950.26	
SVE-9	01/20/14	27.75			6,978.13	6,950.38	
SVE-9	02/10/14	27.50			6,978.13	6,950.63	
SVE-9	04/10/14	27.98			6,978.13	6,950.15	
SVE-9	07/14/14	23.25			6,978.13	6,954.88	
SVE-9	10/26/15	23.87			6,978.13	6,954.26	
SVE-9	04/07/16	25.57			6,978.13	6,952.56	
SVE-9	12/15/16	26.12			6,978.13	6,952.01	
SVE-9	08/14/17	26.24			6,978.13	6,951.89	
SVE-9	08/08/18	27.04			6,978.13	6,951.09	
SVE-9	02/20/19	26.93			6,978.13	6,951.20	
SVE-10D	12/07/10	37.27			6,980.49	6,943.22	
SVE-10D	03/09/11	38.92			6,980.49	6,941.57	
SVE-10D	06/14/11	38.73			6,980.49	6,941.76	
SVE-10D	07/18/11	36.53			6,980.49	6,943.96	
SVE-10D	07/22/11	36.67			6,980.49	6,943.82	
SVE-10D	07/25/11	36.86			6,980.49	6,943.63	
SVE-10D	08/01/11	37.31			6,980.49	6,943.18	
SVE-10D	08/08/11	36.45			6,980.49	6,944.04	
SVE-10D	08/22/11	37.75			6,980.49	6,942.74	
SVE-10D	09/06/11	35.90			6,980.49	6,944.59	
SVE-10D	09/19/11	36.50			6,980.49	6,943.99	
SVE-10D	10/03/11	36.12			6,980.49	6,944.37	
SVE-10D	10/17/11	33.82			6,980.49	6,946.67	
SVE-10D	11/01/11	35.47			6,980.49	6,945.02	
SVE-10D	11/15/11	34.75			6,980.49	6,945.74	
SVE-10D	01/03/12	33.40			6,980.49	6,947.09	
SVE-10D	04/09/12	32.81			6,980.49	6,947.68	
SVE-10D	07/16/12	32.16			6,980.49	6,948.33	
SVE-10D	10/08/12	29.92			6,979.49	6,949.57	
SVE-10D	01/07/13	29.94			6,979.49	6,949.55	
SVE-10D	04/01/13	30.26			6,979.49	6,949.23	
SVE-10D	06/24/13	30.19			6,979.49	6,949.30	
SVE-10D	09/17/13	29.75			6,979.49	6,949.74	
SVE-10D	12/16/13	29.30			6,979.49	6,950.19	
SVE-10D	01/20/14	29.07			6,979.49	6,950.42	
SVE-10D	02/10/14	29.20			6,979.49	6,950.29	
SVE-10D	04/07/14	29.29			6,979.49	6,950.20	
SVE-10D	07/14/14	28.24			6,979.06	6,950.82	
SVE-10D	10/26/15	24.59			6,979.06	6,954.47	
SVE-10D	04/07/16	27.40			6,979.06	6,951.66	
SVE-10D	12/16/16	28.89			6,979.06	6,950.17	
SVE-10D	08/14/17	27.13			6,979.06	6,951.93	
SVE-10D	02/19/18	27.42			6,979.06	6,951.64	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SVE-10D	08/08/18	27.94			6,979.06	6,951.12	
SVE-10D	02/20/19				6,979.06		Blocked
SVE-11D	12/06/10	41.16			6,981.57	6,940.41	
SVE-11D	03/09/11	40.95			6,981.57	6,940.62	
SVE-11D	06/14/11	40.32			6,981.57	6,941.25	
SVE-11D	07/18/11	39.60			6,981.57	6,941.97	
SVE-11D	07/22/11	40.08			6,981.57	6,941.49	
SVE-11D	07/25/11	40.05			6,981.57	6,941.52	
SVE-11D	08/01/11	40.44			6,981.57	6,941.13	
SVE-11D	08/08/11	38.90			6,981.57	6,942.67	
SVE-11D	08/22/11	39.40			6,981.57	6,942.17	
SVE-11D	09/06/11	37.80			6,981.57	6,943.77	
SVE-11D	09/19/11	38.44			6,981.57	6,943.13	
SVE-11D	10/03/11	37.72			6,981.57	6,943.85	
SVE-11D	10/17/11	36.81			6,981.57	6,944.76	
SVE-11D	11/01/11	34.47			6,981.57	6,947.10	
SVE-11D	11/15/11	36.10			6,981.57	6,945.47	
SVE-11D	01/03/12	34.23			6,981.57	6,947.34	
SVE-11D	04/09/12	33.97			6,981.57	6,947.60	
SVE-11D	07/16/12	32.90			6,981.57	6,948.67	
SVE-11D	10/08/12	32.75			6,981.57	6,948.82	
SVE-11D	01/07/13	31.45			6,981.57	6,950.12	
SVE-11D	04/01/13	32.11			6,981.57	6,949.46	
SVE-11D	06/24/13	32.28			6,981.57	6,949.29	
SVE-11D	07/25/13	32.18			6,981.57	6,949.39	
SVE-11D	08/08/13	32.10			6,981.57	6,949.47	
SVE-11D	08/22/13	32.02			6,981.57	6,949.55	
SVE-11D	09/17/13	31.80			6,981.57	6,949.77	
SVE-11D	09/26/13	31.80			6,981.57	6,949.77	
SVE-11D	10/10/13	31.70			6,981.57	6,949.87	
SVE-11D	10/24/13	31.55			6,981.57	6,950.02	
SVE-11D	11/14/13	31.30			6,981.57	6,950.27	
SVE-11D	11/26/13	31.50			6,981.57	6,950.07	
SVE-11D	12/16/13	31.25			6,981.57	6,950.32	
SVE-11D	01/20/14	31.10			6,981.57	6,950.47	
SVE-11D	02/10/14	31.10			6,981.57	6,950.47	
SVE-11D	04/07/14	31.34			6,981.57	6,950.23	
SVE-11D	07/14/14	30.77			6,981.57	6,950.80	
SVE-11D	10/26/15	25.87			6,981.57	6,955.70	
SVE-11D	04/05/16	28.59			6,981.57	6,952.98	
SVE-11D	12/15/16	29.23			6,981.57	6,952.34	
SVE-11D	08/15/17	29.35			6,981.57	6,952.22	
SVE-11D	02/21/18	30.10			6,981.57	6,951.47	
SVE-11D	08/08/18	30.58			6,981.57	6,950.99	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
SVE-11D	02/22/19	30.23			6,981.57	6,951.34	
SVE-11D	09/23/19	29.32			6,981.57	6,952.25	
SVE-11D	08/01/22	30.19			6,981.57	6,951.38	
SVE-11D	11/16/22	29.79			6,981.57	6,951.78	
SVE-11D	04/03/23	29.82			6,981.57	6,951.75	
TBAMW-03	03/24/14	26.90			6,981.08	6,954.18	
TBAMW-03	04/07/14	26.10			6,981.08	6,954.98	
TBAMW-03	07/14/14	25.93			6,981.08	6,955.15	
TMW-06	04/01/13	13.75			6,962.99	6,949.24	
TMW-06	06/24/13	13.61			6,962.99	6,949.38	
TMW-06	09/17/13	13.18			6,962.99	6,949.81	
TMW-06	12/16/13	12.70			6,962.99	6,950.29	
TMW-06	01/20/14	12.66			6,962.99	6,950.33	
TMW-06	02/10/14	12.60			6,962.99	6,950.39	
TMW-06	04/07/14	12.76			6,962.99	6,950.23	
TMW-06	07/14/14	12.18			6,962.99	6,950.81	
TMW-06	10/28/15				6,962.99		Not gauged
TMW-06	12/14/15				6,962.99		Not gauged
TMW-06D	04/01/13	13.82			6,963.08	6,949.26	
TMW-06D	06/24/13	13.70			6,963.08	6,949.38	
TMW-06D	09/17/13	13.12			6,963.08	6,949.96	
TMW-06D	12/16/13	12.73			6,963.08	6,950.35	
TMW-06D	01/20/14	12.74			6,963.08	6,950.34	
TMW-06D	02/10/14	12.65			6,963.08	6,950.43	
TMW-06D	04/07/14	12.85			6,963.08	6,950.23	
TMW-06D	07/14/14	12.18			6,963.08	6,950.90	
TMW-06D	10/28/15				6,963.08		Not gauged
TMW-06D	12/14/15				6,963.08		Not gauged
TWN-1	03/24/14	26.41			6,977.55	6,951.14	
TWN-1	04/07/14	26.55			6,977.55	6,951.00	
TWN-1	07/14/14	25.86			6,977.55	6,951.69	
TWN-1	10/26/15	23.02			6,977.55	6,954.53	
TWN-1	04/04/16	23.75			6,977.55	6,953.80	
TWN-1	12/14/16	24.67			6,977.55	6,952.88	
TWN-1	08/14/17	24.91			6,977.55	6,952.64	
TWN-1	02/19/18	25.23			6,977.55	6,952.32	
TWN-1	08/08/18	25.62			6,977.55	6,951.93	
TWN-1	02/20/19	25.55			6,977.55	6,952.00	
TWN-2	03/24/14	27.22			6,977.55	6,950.33	
TWN-2	04/07/14	27.34			6,977.55	6,950.21	
TWN-2	07/14/14	26.66			6,977.55	6,950.89	
TWN-2	09/24/14	26.57			6,977.55	6,950.98	
TWN-2	10/26/15	23.31			6,977.55	6,954.24	
TWN-2	04/04/16	25.01			6,977.55	6,952.54	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
TWN-2	12/14/16	25.52			6,977.55	6,952.03	
TWN-2	08/14/17	25.69			6,977.55	6,951.86	
TWN-2	02/20/18	26.45			6,977.55	6,951.10	
TWN-2	08/08/18	25.99			6,977.55	6,951.56	
TWN-2	02/20/19	26.37			6,977.55	6,951.18	
TWN-2	09/24/19	25.38			6,977.55	6,952.17	
TWN-2	07/29/22	26.15			6,977.55	6,951.40	
TWN-2	11/15/22	25.85			6,977.55	6,951.70	
TWN-2	04/03/23	26.19			6,977.55	6,951.36	
TWN-3	03/24/14	26.86			6,977.16	6,950.30	
TWN-3	04/07/14	27.04			6,977.16	6,950.12	
TWN-3	07/14/14	26.29			6,977.16	6,950.87	
TWN-3	09/24/14	26.21			6,977.16	6,950.95	
TWN-3	10/26/15	27.85			6,977.16	6,949.31	
TWN-3	04/06/16	24.61			6,977.16	6,952.55	
TWN-3	12/14/16	25.14			6,977.16	6,952.02	
TWN-3	08/14/17	26.35			6,977.16	6,950.81	
TWN-3	02/20/18	25.56			6,977.16	6,951.60	
TWN-3	08/08/18	26.10			6,977.16	6,951.06	
TWN-3	02/20/19	26.01			6,977.16	6,951.15	
TWN-3	09/23/19	25.02			6,977.16	6,952.14	
TWN-3	07/29/22	25.79			6,977.16	6,951.37	
TWN-3	11/14/22	25.40			6,977.16	6,951.76	
TWN-3	04/03/23	26.05			6,977.16	6,951.11	
TWS-1	03/24/14	29.65			6,979.93	6,950.28	
TWS-1	04/07/14	29.78			6,979.93	6,950.15	
TWS-1	07/14/14	29.11			6,979.93	6,950.82	
TWS-1	09/25/14	28.77			6,979.93	6,951.16	
TWS-1	10/27/15	24.67			6,979.93	6,955.26	
TWS-1	04/06/16	27.21			6,979.93	6,952.72	
TWS-1	12/14/16	27.77			6,979.93	6,952.16	
TWS-1	08/14/17	29.32			6,979.93	6,950.61	
TWS-1	02/21/18	28.49			6,979.93	6,951.44	
TWS-1	08/09/18	28.83			6,979.93	6,951.10	
TWS-1	02/22/19	28.61			6,979.93	6,951.32	
TWS-1	09/23/19	27.64			6,979.93	6,952.29	
TWS-1	08/01/22	28.52			6,979.93	6,951.41	
TWS-1	11/16/22	28.26			6,979.93	6,951.67	
TWS-1	04/03/23	28.25			6,979.93	6,951.68	
TWS-2	03/24/14	33.90			6,984.35	6,950.45	
TWS-2	04/07/14	34.00			6,984.35	6,950.35	
TWS-2	07/14/14	33.73			6,984.35	6,950.62	
TWS-2	10/27/15	29.23			6,984.35	6,955.12	
TWS-2	04/07/16	31.02			6,984.35	6,953.33	

TABLE 1. FLUID LEVELS, NAPL THICKNESS, AND GROUNDWATER ELEVATIONS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		feet btoc	*feet btoc*	*feet*	*feet amsl*	*feet amsl*	
Well ID	**Date**	**Depth to Water**	**Depth to NAPL**	**NAPL Thickness**	**Top of Casing Elevation**	**Groundwater Elevation**	**Notes**
TWS-2	12/14/16	31.90			6,984.35	6,952.45	
TWS-2	08/14/17	31.24			6,984.35	6,953.11	
TWS-2	02/21/18	32.50			6,984.35	6,951.85	
TWS-2	08/08/18	33.36			6,984.35	6,950.99	
TWS-2	02/21/19	31.78			6,984.35	6,952.57	
TWS-3	03/24/14	32.23			6,982.51	6,950.28	
TWS-3	04/07/14	32.31			6,982.51	6,950.20	
TWS-3	07/14/14	32.02			6,982.51	6,950.49	
TWS-3	10/27/15	27.51			6,982.51	6,955.00	
TWS-3	04/07/16	29.30			6,982.51	6,953.21	

TABLE 2. GROUNDWATER GEOCHEMICAL FIELD PARAMETERS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

Units		µs/cm	degrees Celsius	pH	mg/L	mV	
Well	Date	Specific Conductance	Temperature	Potential of Hydrogen	Dissolved Oxygen	Oxidation-Reduction Potential	Note
MW-2	02/21/18	7,110	14.0	7.0			
MW-5	02/22/18	746	13.5	7.5			
MW-5	08/09/18	1,270	17.5	6.8			
MW-5	02/21/19	1,112	13.5	7.3			
MW-6	02/20/18		15.7	6.5			
MW-6	08/09/18	902	18.0	6.8			
MW-6	02/22/19	1,080	11.9	7.1			
MW-6	09/23/19	1,053	16.5	6.9	1.4	-73	
MW-6	08/01/22	1,123	16.8	6.2	1.2	-14	
MW-6	11/16/22	1,085	15.8	6.7	0.98	-59	
MW-6	**04/05/23**	**1,101**	**16.0**	**7.1**		**-28**	
MW-7	02/20/18	515	13.6	7.2			
MW-7	08/09/18	412	18.1	6.7			
MW-7	02/21/19	578	9.8	7.8			
MW-8	02/20/18	1,162	13.7	7.2			
MW-9	02/20/18	1,053	12.6	7.5			
MW-10	02/20/18	579	12.5	7.7			
MW-11	02/22/18	1,178	14.5	11.3			
MW-11	08/08/18	1,373	19.4	11.6			
MW-11	02/20/19	952	10.3	9.9			
MW-11	09/23/19	1,093	17.4	7.7	0.03	-78	
MW-11	07/29/22	1,305	16.3	7.0	5.2	-21	
MW-11	11/14/22	1,431	14.9	7.6	1.1	-75	
MW-11	**04/03/23**						**PetroFix® in the well**
MW-12	02/22/18	859	12.1	7.9			
MW-13	02/19/18	742	15.3	7.9			
MW-13	08/08/18	114	17.5	7.1			
MW-13	02/20/19	1,334	14.6	7.6			
MW-14	02/22/18	2,090	15.9	12.0			
MW-14	08/08/18	1,043	17.6	7.6			
MW-14	02/20/19	1,362	14.8	7.0			
MW-15	02/19/17	1,092	15.8	7.1			
MW-15	08/08/18	1,202	17.1	7.0			
MW-15	02/20/19	1,132	13.8	7.4			
MW-15	09/24/19	1,126	15.6	7.1	3.9	76	
MW-15	07/29/22	1,213	16.3	6.9	7.7	65	
MW-15	11/14/22	1,249	14.8	7.0	2.1	79	
MW-15	**04/03/23**	**956**	**16.7**	**7.2**	**1.1**	**9**	
CMW-1	02/20/18	965	11.8	7.4			
CMW-1	08/09/18	1,302	18.3	7.2			
CMW-1	02/21/19	1,247	12.1	7.7			
CMW-1	09/24/19	2,086	17.4	7.0	3.0	-56	
CMW-1	08/01/22	1,493	19.2	6.7	1.5	31	
CMW-1	11/15/22	1,707	15.6	7.1	1.9	35	
CMW-1	**04/05/23**	**1,095**	**18.6**	**7.1**	**0.98**	**-92**	
CMW-2	02/20/18	1,355	11.0	7.1			
CMW-3R	02/20/18	1,824	14.5	6.9			
CMW-3R	08/09/18	1,242	18.4	7.1			
CMW-3R	02/21/19	2,194	12.4	7.1			
CMW-3R	09/24/19	3,293	16.7	6.8	4.4	17	
CMW-3R	08/01/22	2,290	18.3	6.7	2.1	-252	
CMW-3R	11/16/22	3,089	16.0	6.9	1.3	-62	
CMW-3R	**04/05/23**	**1,811**	**15.7**	**6.8**	**0.65**	**-150**	
CMW-4	02/20/18	1,643	12.6	7.5			
CMW-4	08/09/18	1,251	18.4	7.1			
CMW-4	02/21/19	2,197	14.9	7.4			*ORC-A® in the well*
CMW-4	09/23/19	2,451	17.6	6.9	2.5	-4	*ORC-A® in the well*
CMW-4	08/01/22	1,099	17.2	7.0	1.5	47	
CMW-4	11/17/22	2,944	16.1	7.1	2.3	61	
CMW-4	**04/05/23**	**2,150**	**15.5**	**7.8**		**103**	
MW-17	02/22/18	1,550	15.6	7.1			
MW-18	02/21/18	2,058	13.9	7.3			
MW-18	08/09/18	1,851	21.0	7.2			

TABLE 2. GROUNDWATER GEOCHEMICAL FIELD PARAMETERS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

Units		µs/cm	degrees Celsius	pH	mg/L	mV	
Well	**Date**	**Specific Conductance**	**Temperature**	**Potential of Hydrogen**	**Dissolved Oxygen**	**Oxidation-Reduction Potential**	**Note**
MW-18	02/22/19	2,036	14.2	7.4			
MW-19	02/21/18	3,692	15.4	7.2			
MW-1R	02/20/18	2,747	13.0	6.9			
MW-1R	08/09/18	2,703	17.7	6.9			
MW-1R	02/21/19	3,233	8.3	6.9			*ORC-A® in the well*
MW-1R	09/24/19	3,798	17.3	6.6	0	-127	
MW-1R	07/29/22	1,972	18.1	6.6	0.59	-4	
MW-1R	11/17/22	2,614	16.8	6.8	0.74	-77	
MW-1R	**04/05/23**	**2,254**	**19.2**	**6.6**	**1.4**	**-85**	
MW-20	02/21/18	763	13.2	7.8			
MW-20	08/09/18	743	17.2	7.7			
MW-20	02/21/19	790	13.3	7.4			
MW-4R	02/21/18	2,379	13.7	7.3			
MW-4R	02/21/19	2,020	9.4	7.0			
MW-4R	09/24/19	1,754	16.5	6.7	0.05	-58	
MW-4R	07/29/22	1,428	17.9	6.7	3.1	41	
MW-4R	11/17/22	1,981	15.7	7.0	0.95	6	
MW-4R	**04/05/23**	**1,141**	**17.4**	**6.9**	**1.4**	**-26**	
SFCMW-01	02/20/18	1,384	15.9	13.8			
SFCMW-01	08/09/18	1,419	17.3	7.0			
SFCMW-01	02/21/19	1,308	16.5	7.0			
SFCMW-01	09/23/19	1,398	17.4	6.9	0	-169	
SFCMW-01	08/01/22	1,315	17.2	6.8	0.69	-25	
SFCMW-01	11/15/22	1,378	16.7	7.0	1.2	-78	
SFCMW-01	**04/05/23**	**993**	**15.1**	**7.0**	**1.9**	**-84**	
SFCMW-02	02/20/18	1,087	15.7	7.0			
SFCMW-02	08/09/18	1,163	18.6	7.1			
SFCMW-02	02/21/19	1,065	16.1	6.9			
SFCMW-02	10/25/19	838	14.7	7.0	2.7	88	
SFCMW-02	08/01/22	1,115	17.7	6.6	1.4	42	
SFCMW-02	11/15/22	1,084	16.9	7.0	1.1	32	
SFCMW-02	**04/03/23**	**871**	**16.2**	**7.0**	**1.6**	**46**	
SFCMW-03	02/20/18	930	14.9	7.1			
SFCMW-03	08/09/18	1,074	19.4	7.0			
SFCMW-03	02/21/19	1,084	14.6	7.9			
SFCMW-03	10/25/19	989	15.9	7.3	2.8	102	
SFCMW-03	08/02/22	875	17.6	6.9	5.1	47	
SFCMW-03	11/15/22	784	17.3	7.1	1.5	60	
SFCMW-03	**04/03/23**	**905**	**17.1**	**7.5**		**139**	
SFCMW-06	02/20/18	1,450	15.4	7.5			
SFCMW-06	08/08/18	1,459	22.3	7.6			
SFCMW-06	02/21/19	1,492	14.6	7.6			
SFCMW-07	02/19/18	801	16.2	7.5			
SFCMW-07	08/08/18	730	21.0	7.4			
SFCMW-07	02/20/19	934	10.8	6.6			
SFCMW-07	09/24/19	802	15.5	7.3	0.74	68	
SFCMW-07	07/29/22	886	15.5	7.0	3.2	-7	
SFCMW-07	11/15/22	888	14.8	7.2	1.1	-101	
SFCMW-07	**04/03/23**	**858**	**15.1**	**7.5**		**-86**	
SFCMW-08	02/20/18	3,800	15.3	7.7			
SFCMW-10	08/08/18	1,371	23.3	6.5			
SFCMW-10	02/22/19	1,346	13.8	7.5			
SFCMW-10	09/23/19	1,418	18.2	6.4	0.05	21	
SFCMW-10	08/01/22	1,278	18.2	6.2	1.9	49	
SFCMW-10	11/16/22	1,308	17.3	6.4	1.2	17	
SFCMW-10	**04/05/23**	**991**	**17.0**	**6.3**	**0.69**	**71**	
SFCMW-11	02/19/18	6,950	15.9	7.0			
SFCMW-11	08/08/18	1,271	18.7	7.1			
SFCMW-11	02/20/19	950	14.1	6.4			
SFCMW-12	02/19/18	2,455	15.5	7.0			
SFCMW-12	08/08/18	2,556	16.3	6.9			
SFCMW-12	02/20/19	1,942	13.0	6.0			
SVE-1	02/21/18	6,930	13.7	12.7			

TABLE 2. GROUNDWATER GEOCHEMICAL FIELD PARAMETERS
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

Units		µs/cm	degrees Celsius	pH	mg/L	mV	
Well	**Date**	**Specific Conductance**	**Temperature**	**Potential of Hydrogen**	**Dissolved Oxygen**	**Oxidation-Reduction Potential**	**Note**
SVE-1	08/10/18	1,048	17.6	7.2			
SVE-1	02/22/19	2,067	14.2	6.8			
SVE-1	09/23/19	2,396	17.5	6.7	1.5	20	
SVE-1	08/01/22	1,370	16.8	6.6	1.4	-8	
SVE-1	11/17/22	2,449	15.8	6.8	1.1	56	
SVE-1	**04/05/23**	**2,109**	**15.8**	**7.3**		**5**	
SVE-10D	02/19/18	865	15.3	7.6			
SVE-11D	02/21/18	1,874	14.9	7.8			
SVE-11D	09/23/19	2,107	17.5	6.6	2.6	50	
SVE-11D	08/01/22	1,284	17.7	6.0	2.7	44	*ORC-A® in the well*
SVE-11D	11/16/22	1,422	16.2	6.4	1.3	39	
SVE-11D	**04/05/23**	**1,418**	**15.9**	**6.4**		**25**	
SVE-2	08/09/18	2,427	18.5	6.8			
SVE-2	02/21/19	4,000	12.6	6.9			
SVE-3	02/21/18	3,193	15.9	6.8			
SVE-3	08/10/18	2,686	18.9	7.0			
SVE-3	02/22/19	1,730	15.2	6.4			
SVE-3	09/25/19	1,608	16.7	6.5	0.07	-117	
SVE-3	08/01/22	2,335	16.5	6.4	2.2	-17	
SVE-3	11/16/22	2,384	15.6	7.0	1.2	-79	
SVE-3	**04/05/23**	**1,309**	**16.0**	**7.2**		**-108**	
SVE-6	02/21/18	1,021	14.5	7.0			
SVE-8	02/20/18	2,550	14.5	7.4			
TWN-1	02/19/18	2,111	15.8	6.9			
TWN-1	08/08/18	1,786	17.3	6.8			
TWN-1	02/20/19	2,064	12.3	6.1			
TWN-2	02/20/18	1,591	15.5	11.7			
TWN-2	08/08/18	650	16.6	9.6			
TWN-2	02/21/19	1,566	14.3	7.0			
TWN-2	09/24/19	1,503	16.5	7.1	0.09	39	
TWN-2	07/29/22	1,534	16.6	6.9	1.0	34	
TWN-2	11/15/22	1,582	15.8	7.1	1.4	-63	
TWN-2	**04/03/23**						**PetroFix® in the well**
TWN-3	02/19/18	1,599	15.9	7.9			
TWN-3	08/08/18	1,470	18.1	7.2			
TWN-3	02/20/19	1,637	12.1	7.6			
TWN-3	09/23/19	1,952	16.4	6.8	5.7	103	
TWN-3	07/29/22	2,323	17.5	6.8	5.7	49	
TWN-3	11/14/22	2,710	14.8	7.2	2.7	101	
TWN-3	**04/03/23**						**PetroFix® in the well**
TWS-1	02/21/18	2,989	13.6	7.0			
TWS-1	08/09/18	2,097	20.8	6.9			
TWS-1	02/22/19	2,087	14.4	7.3			
TWS-1	09/23/19	2,015	16.9	6.9	2.9	58	
TWS-1	08/01/22	2,052	16.8	6.6	3.9	29	
TWS-1	11/16/22	2,025	16.2	7.0	1.5	20	
TWS-1	**04/05/23**	**1,842**	**16.6**	**7.5**		**65**	
TWS-2	02/21/18	1,043	12.8	7.5			
TWS-3	02/21/18	1,089	13.5	7.5			
TWS-4	02/21/18	926	13.5	10.7			*ORC-A® in the well*
TWS-4	08/09/18	673	17.6	9.9			
TWS-4	02/21/19	1,186	12.8	8.4			
TWS-4	09/24/19	1,652	17.9	6.6	0	-56	
TWS-4	07/29/22	1,300	18.2	6.7	1.0	9	
TWS-4	11/17/22	1,600	16.7	6.9	0.9	-69	
TWS-4	**04/05/23**	**1,008**	**17.4**	**6.9**	**1.7**	**-68**	
Average		**1,647**	**15.8**	**7.3**	**1.8**	**-5**	

Notes:
ORC-A® = Regenesis® Oxygen Release Compound - Advanced
µS/cm = microsiemens per centimeter
mg/L = milligrams per liter
mV = millivolts

TABLE 3. ANALYSES, PRESERVATION, HOLDING TIMES, AND HANDLING
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

Analyses	Method	Container	Preservative	Holding Time	Handling
Volatile Organic Compounds	EPA 8260B	3 x 40-mL glass no headspace	HgCl2	14 days	4°Celcius
Ethylene Dibromide	EPA 504.1	3 x 40-mL glass no headspace	Na Thiosulfate	14 days	4°Celcius
Sulfate	EPA 300.0	1 x 125 mL plastic	None	28 days	4°Celcius
Sulfide	SM 4500S2	1 x 500 mL plastic	NaOH, Zinc Acetate	7 days	4°Celcius
Nitrate	EPA 300.0	1 x 125 mL plastic	None	48 hours	4°Celcius
Nitrate	EPA 300.0	1 x 125 mL plastic	H2SO4	28 days	4°Celcius
Dissolved Gases	RSK-175	3 x 40-mL glass no headspace	HCl	14 days	4°Celcius
Dissolved Iron	EPA 6010B	1 x 125-mL plastic, fileld filtered	HNO_3	6 months	4°Celcius
Dissolved Manganese	EPA 6010B	2 x 125-mL plastic, fileld filtered	HNO_3	6 months	4°Celcius

Notes:

EPA = U.S. Environmental Protection Agency

mL = Milliliter

$HgCl_2$ = Mercuric chloride

Na = Sodium

NaOH - Sodium hydroxide

$H2SO_4$ = Sulfuric acid

HCL = Hydrochloric acid

HNO_3 = Nitric acid

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	**Well**	**Date**	**Benzene**	**Toluene**	**Ethyl benzene**	**Total Xylenes**	**MTBE**	**EDB**	**EDC**	**Total Naphthalenes**	**BTEXN**	**Note**
Capital 66	CMW-1	10/05/02	230	22	4.1	20	< 1.0	< 1.0	1.7	14	291	
Capital 66	CMW-1	08/06/04	280	73	10	41	< 1.0	0.075	3.1	2.1	406	
Capital 66	CMW-1	11/02/04	9.8	1.9	< 1.0	4.9	< 1.0	< 0.010	< 1.0	2.9	21	
Capital 66	CMW-1	02/13/06	92	7.3	2.4	19	< 1.0	0.18	5.0	5.5	126	
Capital 66	CMW-1	06/02/06	360	4.5	< 1.0	< 3.0	< 1.5	0.27	4.5	8.0	377	
Capital 66	CMW-1	03/24/10	60	< 1.0	< 1.0	5.0	< 1.0	0.29	1.0	7.2	74	
Capital 66	CMW-1	09/27/10	270	13	< 1.0	140	< 1.0	2.3	< 1.0	72	496	
Capital 66	CMW-1	12/06/10	180	17	< 1.0	180	< 1.0	1.3	< 1.0	132	510	
Capital 66	CMW-1	03/10/11	190	5.0	< 1.0	29	< 1.0	0.54	< 1.0	87	312	
Capital 66	CMW-1	06/16/11	58	< 1.0	< 1.0	< 1.5	< 1.0	0.19	2.9	4.2	66	
Capital 66	CMW-1	10/05/11	49	1.3	< 1.0	9.2	< 1.0	0.40	< 1.0	5.5	66	
Capital 66	CMW-1	01/06/12	77	3.0	< 1.0	16	< 1.0	0.53	< 1.0	60	157	
Capital 66	CMW-1	04/10/12	40	< 1.0	< 1.0	< 1.5	< 1.0	0.18	1.5	< 10	54	
Capital 66	CMW-1	07/19/12	11	< 1.0	< 1.0	< 1.5	< 1.0	0.069	< 1.0	< 10	25	
Capital 66	CMW-1	10/09/12	13	< 1.0	< 1.0	< 1.5	< 1.0	0.080	< 1.0	< 10	27	
Capital 66	CMW-1	01/10/13	24	< 1.0	< 1.0	< 1.5	< 1.0	0.15	< 1.0	3.1	31	
Capital 66	CMW-1	04/03/13	8.7	< 1.0	< 1.0	< 1.5	< 1.0	0.055	< 1.0	< 10	22	
Capital 66	CMW-1	06/24/13	3.4	< 1.0	< 1.0	< 1.5	< 1.0	0.029	< 1.0	< 10	17	
Capital 66	CMW-1	09/17/13	11	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	25	
Capital 66	CMW-1	12/16/13	180	1.9	< 1.0	16	< 1.0	0.89	< 1.0	42	241	
Capital 66	CMW-1	01/20/14	93	< 1.0	< 1.0	< 1.5	< 1.0	0.29	< 1.0	< 10	107	
Capital 66	CMW-1	02/11/14	37	< 1.0	< 1.0	< 1.5	< 1.0	0.22	< 1.0	< 10	51	
Capital 66	CMW-1	04/07/14	14	< 1.0	< 1.0	< 1.5	< 1.0	0.073	< 1.0	< 10	28	
Capital 66	CMW-1	07/14/14	17	< 1.0	< 1.0	< 1.5	< 1.0	0.12	< 1.0	< 10	31	
Capital 66	CMW-1	10/26/15	150	10	1.1	91	< 1.0	< 1.0	< 1.0	< 10	262	
Capital 66	CMW-1	04/06/16	100	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	10	114	
Capital 66	CMW-1	12/14/16	170	4.6	2.0	89	< 1.0	0.39	< 1.0	197	463	
Capital 66	CMW-1	08/14/17	120	< 5.0	5.7	22	< 5.0	< 0.0094	< 5.0	< 50	203	
Capital 66	CMW-1	02/20/18	150	< 2.5	4.9	< 3.8	< 2.5	0.051	2.7	< 25	186	
Capital 66	CMW-1	08/09/18	340	4.0	< 2.0	< 3.0	< 2.0	0.37	< 2.0	7.7	357	
Capital 66	CMW-1	02/21/19	570	51	26	34	< 1.0	< 0.010	5.3	10	691	
Capital 66	CMW-1	09/24/19	150	4.9	3.7	6.6	< 1.0	0.25	< 1.0	4.7	170	
Capital 66	CMW-1	08/01/22	95	1.2	< 1.0	2.6	< 1.0	0.096	< 1.0	< 4.0	104	
Capital 66	CMW-1	11/15/22	83	< 1.0	< 1.0	2.1	< 1.0	0.10	< 1.0	9.7	97	
Capital 66	CMW-1	04/05/23	810	77	32	100	< 1.0	0.018	12	37	1,056	
Capital 66	CMW-2	10/05/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 10	15	
Capital 66	CMW-2	08/06/04	3.8	< 1.0	< 1.0	2.0	< 1.0	< 0.010	< 1.0	< 10	18	
Capital 66	CMW-2	11/02/04	430	71	10	48	< 1.0	< 0.010	3.3	< 10	569	
Capital 66	CMW-2	02/13/06	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 0.010	1.8	< 10	14	
Capital 66	CMW-2	06/02/06	< 1.0	< 1.0	< 1.0	< 3.0	< 1.5	< 0.010	1.2	< 10	16	
Capital 66	CMW-2	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.2	< 10	15	
Capital 66	CMW-2	09/27/10	4.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.8	< 10	18	
Capital 66	CMW-2	12/06/10	4.7	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.1	< 10	18	
Capital 66	CMW-2	03/10/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.1	< 10	15	
Capital 66	CMW-2	06/16/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.2	< 10	15	
Capital 66	CMW-2	10/05/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	01/05/12	8.1	2.3	1.3	10	< 1.0	< 0.010	< 1.0	9.7	31	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Capital 66	CMW-2	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	07/19/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	10/09/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	01/10/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	06/24/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	09/17/13	2.1	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	16	
Capital 66	CMW-2	12/16/13	3.3	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	17	
Capital 66	CMW-2	01/20/14	1.3	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	07/14/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0096	< 1.0	< 10	15	
Capital 66	CMW-3	10/05/02	2,700	14,000	1,800	14,200	< 1.0	13	< 1.0	2,170	34,870	
Capital 66	CMW-3R	02/13/06										NAPL
Capital 66	CMW-3R	06/02/06										NAPL
Capital 66	CMW-3R	03/25/10	< 5.0	66	53	1,200	< 5.0	0.055	< 5.0	163	1,487	
Capital 66	CMW-3R	09/27/10	< 5.0	15	6.3	760	< 5.0	< 0.010	< 5.0	160	946	
Capital 66	CMW-3R	12/06/10	< 1.0	< 1.0	< 1.0	57	< 1.0	< 0.010	< 1.0	13	73	
Capital 66	CMW-3R	03/10/11	< 1.0	1.9	1.0	84	< 1.0	< 0.010	< 1.0	22	110	
Capital 66	CMW-3R	06/16/11	< 1.0	1.8	< 1.0	71	< 1.0	< 0.010	< 1.0	38	113	
Capital 66	CMW-3R	10/05/11	< 1.0	5.0	2.9	320	< 1.0	< 0.010	< 1.0	70	399	
Capital 66	CMW-3R	01/06/12	< 1.0	5.6	3.8	320	< 1.0	< 0.010	< 1.0	122	452	
Capital 66	CMW-3R	04/10/12	< 1.0	56	29	1,600	< 10	< 0.010	< 10	336	2,022	
Capital 66	CMW-3R	07/19/12	< 10	12	< 10	270	< 10	< 0.010	< 10	31	333	
Capital 66	CMW-3R	10/09/12	< 10	16	< 10	920	< 10	< 0.010	< 10	149	1,105	
Capital 66	CMW-3R	01/10/13	< 5.0	29	16	1,800	< 5.0	< 0.010	< 5.0	385	2,235	
Capital 66	CMW-3R	04/03/13	< 10	10	< 10	560	< 10	< 0.010	< 10	222	812	
Capital 66	CMW-3R	05/13/13	< 1.0	30	6.3	250	< 1.0	< 1.0	< 1.0	106	393	
Capital 66	CMW-3R	06/24/13	< 1.0	180	56	910	< 10	< 0.010	< 10	277	1,424	
Capital 66	CMW-3R	07/20/13	9.3	300	66	1,100	< 1.0	< 1.0	< 1.0	243	1,718	
Capital 66	CMW-3R	09/17/13	< 5.0	13	< 5.0	370	< 5.0	< 5.0	< 5.0	117	510	
Capital 66	CMW-3R	11/07/13	< 5.0	< 5.0	< 5.0	140	< 5.0	< 5.0	< 5.0	41	196	
Capital 66	CMW-3R	12/16/13	< 10	16	< 10	790	< 10	< 0.010	< 10	239	1,065	
Capital 66	CMW-3R	01/20/14	< 5.0	12	< 5.0	360	< 5.0	< 0.010	< 5.0	178	560	
Capital 66	CMW-3R	02/11/14	< 5.0	16	< 5.0	570	< 5.0	< 0.010	< 5.0	193	789	
Capital 66	CMW-3R	04/07/14	< 5.0	24	< 5.0	320	< 5.0	< 0.010	< 5.0	111	465	
Capital 66	CMW-3R	07/14/14	1.4	54	7.9	520	< 1.0	< 0.010	< 1.0	116	699	
Capital 66	CMW-3R	10/26/15	< 1.0	< 1.0	< 1.0	55	< 1.0	< 1.0	< 1.0	140	198	
Capital 66	CMW-3R	04/06/16	< 1.0	4.4	3.6	230	< 1.0	< 1.0	< 1.0	158	397	
Capital 66	CMW-3R	12/14/16	< 5.0	5.2	5.6	920	< 5.0	< 0.010	< 5.0	670	1,606	
Capital 66	CMW-3R	08/14/17	< 10	140	57	1,800	< 10	< 0.0093	< 10	710	2,717	
Capital 66	CMW-3R	02/20/18	1.1	9.8	3.1	50	< 1.0	< 0.0094	< 1.0	29	93	
Capital 66	CMW-3R	08/09/18	< 1.0	150	52	1,400	< 1.0	< 0.0094	< 1.0	550	2,153	
Capital 66	CMW-3R	02/21/19	120	230	130	2,200	< 10	0.11	< 10	940	3,620	
Capital 66	CMW-3R	09/24/19	< 1.0	< 1.0	< 1.0	31	< 1.0	< 1.0	< 1.0	20	54	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Capital 66	CMW-3R	08/01/22	17	53	11	430	< 1.0	< 1.0	< 1.0	212	723	
Capital 66	CMW-3R	11/16/22	88	58	62	1,000	< 5.0	0.079	< 5.0	840	2,048	
Capital 66	CMW-3R	04/05/23	160	59	39	720	< 20	< 20	< 8.0	230	1,208	
Capital 66	CMW-4	03/26/10	29	700	1,000	3,400	< 20	< 0.010	< 20	670	5,799	
Capital 66	CMW-4	09/27/10	22	310	860	2,600	< 20	< 0.010	< 20	730	4,522	
Capital 66	CMW-4	12/07/10	7.6	210	600	1,900	< 5.0	< 0.010	< 5.0	530	3,248	
Capital 66	CMW-4	03/11/11	18	640	580	2,400	< 1.0	< 0.010	< 1.0	470	4,108	
Capital 66	CMW-4	06/15/11	23	430	450	1,600	< 2.0	< 0.010	< 2.0	393	2,896	
Capital 66	CMW-4	10/05/11	17	330	260	1,200	< 10	< 0.010	< 10	28	1,835	
Capital 66	CMW-4	01/05/12	< 10	200	440	660	< 10	< 0.010	< 10	373	1,683	
Capital 66	CMW-4	04/11/12	19	380	500	1,300	< 10	< 0.010	< 10	260	2,459	
Capital 66	CMW-4	07/19/12	28	580	900	2,300	< 10	< 0.010	< 10	493	4,301	
Capital 66	CMW-4	10/10/12	17	460	750	1,700	< 10	< 0.010	< 10	404	3,331	
Capital 66	CMW-4	01/09/13	< 25	260	550	1,100	< 50	< 0.010	< 50	140	2,075	
Capital 66	CMW-4	11/07/13	< 5.0	< 5.0	7.1	28	< 5.0	< 5.0	< 5.0	< 50	95	
Capital 66	CMW-4	12/18/13	< 5.0	79	200	580	< 5.0	0.035	< 5.0	146	1,010	
Capital 66	CMW-4	01/22/14	< 5.0	120	250	660	< 5.0	< 0.010	< 5.0	229	1,264	
Capital 66	CMW-4	02/12/14	6.7	170	290	820	< 5.0	< 0.010	< 5.0	188	1,475	
Capital 66	CMW-4	04/09/14	10	370	390	1,400	< 5.0	< 0.010	< 5.0	188	2,358	
Capital 66	CMW-4	07/18/14	39	1,200	800	2,600	< 5.0	< 0.010	9.9	343	4,982	
Capital 66	CMW-4	09/25/14	11	470	430	1,500	< 10	< 0.010	< 10	338	2,749	
Capital 66	CMW-4	10/27/15	< 1.0	< 1.0	11	9.4	< 1.0	< 1.0	< 1.0	25	47	
Capital 66	CMW-4	04/04/16	4.9	200	290	730	< 1.0	< 1.0	2.8	201	1,426	
Capital 66	CMW-4	12/14/16	< 1.0	18	52	130	< 1.0	< 0.010	< 1.0	54	255	
Capital 66	CMW-4	08/14/17	< 2.0	< 2.0	2.7	5.3	< 2.0	< 0.0094	< 2.0	5.0	17	
Capital 66	CMW-4	02/20/18	< 2.0	24	160	220	< 2.0	< 0.0095	< 2.0	87	493	
Capital 66	CMW-4	08/10/18	2.5	160	400	770	< 2.0	< 0.0092	5.1	145	1,478	
Capital 66	CMW-4	02/20/19	< 1.0	7.8	32	82	< 1.0	< 0.0095	< 1.0	16	139	
Capital 66	CMW-4	09/23/19	< 1.0	40	240	420	< 1.0	< 0.0096	< 1.0	82	783	
Capital 66	CMW-4	08/01/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 4.0	8.5	
Capital 66	CMW-4	11/17/22	< 5.0	32	140	310	< 5.0	< 0.0094	< 5.0	39	526	
Capital 66	CMW-4	04/05/23	< 5.0	< 5.0	6.5	23	< 5.0	< 0.094	< 5.0	< 50	90	
Capital 66	CMW-5	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.010	12	< 10	15	
Capital 66	CMW-5	09/27/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	7.5	< 10	15	
Capital 66	CMW-5	12/06/10	< 1.0	1.8	< 1.0	3.9	< 1.0	< 0.010	5.8	< 10	18	
Capital 66	CMW-5	03/11/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	4.6	< 10	15	
Capital 66	CMW-5	06/16/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	5.3	< 10	15	
Capital 66	CMW-5	10/05/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	4.3	< 20	29	
Capital 66	CMW-5	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	4.6	< 10	15	
Capital 66	CMW-5	04/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.2	< 10	15	
Capital 66	CMW-5	07/18/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.3	< 10	15	
Capital 66	CMW-5	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.1	< 10	15	
Capital 66	CMW-5	01/09/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.5	< 10	15	
Capital 66	CMW-5	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.7	< 10	15	
Capital 66	CMW-5	06/26/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.4	< 10	15	
Capital 66	CMW-5	09/19/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	2.4	< 10	15	
Capital 66	CMW-5	12/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.2	< 10	15	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Capital 66	CMW-5	01/20/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.1	< 10	15	
Capital 66	CMW-5	02/12/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.2	< 10	15	
Capital 66	CMW-5	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
Capital 66	CMW-5	07/14/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
Capital 66	CMW-5	12/16/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-5	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	09/27/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	12/06/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	03/11/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	06/15/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	10/05/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
Capital 66	CMW-6	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	04/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	07/19/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	01/10/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	12/14/16										Destroyed
Capital 66	SVE-4	03/26/10	79	75	16	120	< 1.0	0.32	< 1.0	35	325	
Capital 66	SVE-4	09/28/10	71	150	< 1.0	58	< 1.0	2.0	< 1.0	3.1	283	
Capital 66	SVE-4	12/06/10	28	28	< 1.0	40	< 1.0	0.35	< 1.0	3.5	101	
Capital 66	SVE-4	03/10/11	47	11	< 1.0	85	< 1.0	0.076	< 1.0	21	165	
Capital 66	SVE-4	06/15/11	520	480	54	560	< 1.0	2.4	< 1.0	132	1,746	
Capital 66	SVE-4	10/05/11	5.4	3.7	< 2.0	20	< 2.0	0.037	< 2.0	< 20	51	
Capital 66	SVE-4	02/16/13	< 1.0	1.1	< 1.0	4.1	< 1.0	< 1.0	< 1.0	< 10	17	
Capital 66	SVE-4	05/13/13	< 2.0	2.1	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 20	29	
Capital 66	SVE-4	07/20/13	1.3	19	5.1	79	< 1.0	< 1.0	< 1.0	4.2	109	
Capital 66	SVE-4	11/07/13	7.1	2.3	< 1.0	10	< 1.0	< 1.0	< 1.0	< 10	30	
Capital 66	SVE-4	12/14/16										Emitter stuck in the well
De Vargas	MW-10	08/03/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	03/24/10	< 1.0	1.4	< 1.0	2.0	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	09/27/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	03/10/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	06/16/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	MW-10	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	MW-11	03/25/10	8,400	2,200	170	4,300	< 50	67	63	290	15,360	
De Vargas	MW-11	09/27/10										NAPL
De Vargas	MW-11	01/06/12	390	2,500	620	11,000	< 20	160	40	1,220	15,730	
De Vargas	MW-11	04/10/12	300	700	540	9,100	< 10	150	31	1,210	11,850	
De Vargas	MW-11	07/18/12	300	840	420	8,100	< 10	130	24	870	10,530	
De Vargas	MW-11	01/09/13	280	720	750	5,500	< 10	73	22	598	7,848	
De Vargas	MW-11	04/02/13	270	750	810	5,300	< 20	79	24	710	7,840	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	MW-11	06/25/13	170	440	610	4,000	< 20	84	< 20	750	5,970	
De Vargas	MW-11	09/17/13	190	440	710	4,300	< 10	70	19	830	6,470	
De Vargas	MW-11	10/11/13	2.2	1.7	1.4	17	< 1.0	5.5	1.5	3.2	26	
De Vargas	MW-11	12/16/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	2.2	< 1.0	< 10	15	
De Vargas	MW-11	01/20/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	5.7	2.2	< 10	15	
De Vargas	MW-11	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	14	3.5	< 10	15	
De Vargas	MW-11	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.54	< 1.0	< 10	15	
De Vargas	MW-11	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	4.9	1.5	< 10	15	
De Vargas	MW-11	09/24/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	8.5	3.9	< 10	15	
De Vargas	MW-11	10/26/15	6.1	1.5	16	180	< 1.0	5.9	5.5	52	256	
De Vargas	MW-11	04/04/16	6.7	< 5.0	8.3	440	< 5.0	16	6.6	94	554	
De Vargas	MW-11	12/14/16	3.0	< 1.0	12	81	< 1.0	7.7	2.9	358	455	
De Vargas	MW-11	08/14/17	< 1.0	< 1.0	46	350	< 1.0	0.84	1.4	640	1,038	
De Vargas	MW-11	02/22/18	< 5.0	< 5.0	110	1,600	< 5.0	3.6	< 5.0	445	2,165	
De Vargas	MW-11	08/08/18	< 5.0	< 5.0	84	730	< 5.0	1.5	< 5.0	442	1,266	
De Vargas	MW-11	02/20/19	< 5.0	< 5.0	28	210	< 5.0	1.4	< 5.0	480	728	
De Vargas	MW-11	09/23/19	< 2.5	< 5.0	43	150	< 5.0	0.74	< 5.0	411	612	
De Vargas	MW-11	07/29/22	< 5.0	< 5.0	130	110	< 5.0	0.036	< 5.0	263	513	
De Vargas	MW-11	11/14/22	< 5.0	< 5.0	130	150	< 5.0	0.085	< 5.0	301	591	
De Vargas	MW-11	04/03/23										PetroFix® in the well
De Vargas	MW-12	03/25/10	940	420	21	510	< 10	4.3	46	< 100	1,991	
De Vargas	MW-12	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	07/18/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	10/09/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	01/09/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	04/02/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	06/25/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	09/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	MW-12	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	01/20/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	02/22/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	MW-13	02/22/11	9,500	14,000	1,100	5,900	< 1.0	140	200	458	30,958	
De Vargas	MW-13	03/10/11	10,000	21,000	1,500	11,000	< 20	130	230	600	44,100	
De Vargas	MW-13	06/15/11	11,000	24,000	2,100	19,000	< 20	220	180	1,590	57,690	
De Vargas	MW-13	10/04/11	7,000	13,000	350	11,000	< 100	180	100	620	31,970	
De Vargas	MW-13	01/06/12	6,300	9,500	560	9,700	< 100	86	< 100	1,340	27,400	
De Vargas	MW-13	04/10/12	5,500	9,200	350	7,300	< 100	53	< 100	630	22,980	
De Vargas	MW-13	07/18/12	5,900	9,400	260	6,300	< 100	76	< 100	630	22,490	
De Vargas	MW-13	10/11/12	4,700	5,500	270	5,300	< 100	60	< 100	980	16,750	
De Vargas	MW-13	01/09/13	4,200	2,900	330	4,300	< 100	34	< 100	640	12,370	
De Vargas	MW-13	04/02/13	3,600	1,000	310	2,500	< 20	31	67	860	8,270	
De Vargas	MW-13	06/25/13	3,000	1,000	310	2,600	< 20	29	59	770	7,680	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	MW-13	09/18/13	2,200	530	270	2,200	< 20	22	39	870	6,070	
De Vargas	MW-13	10/11/13	440	260	68	890	< 10	< 10	14	336	1,994	
De Vargas	MW-13	12/16/13	13	69	34	750	< 10	2.3	< 10	140	1,006	
De Vargas	MW-13	01/20/14	59	110	48	840	< 1.0	7.4	< 10	208	1,265	
De Vargas	MW-13	02/11/14	22	85	41	760	< 10	6.4	< 10	135	1,043	
De Vargas	MW-13	04/07/14	20	44	23	400	< 5.0	2.0	< 5.0	71	558	
De Vargas	MW-13	07/17/14	29	15	9.3	310	< 1.0	2.1	5.9	67	430	
De Vargas	MW-13	09/24/14	19	13	6.4	230	< 1.0	3.6	8.8	77	345	
De Vargas	MW-13	10/26/15	1,100	360	< 100	1,200	< 100	< 100	< 100	220	2,980	
De Vargas	MW-13	04/04/16	300	60	7.3	74	< 5.0	< 5.0	5.2	21	462	
De Vargas	MW-13	12/14/16	16	< 1.0	< 1.0	< 1.5	< 1.0	0.065	< 1.0	< 10	30	
De Vargas	MW-13	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	< 1.0	< 10	15	
De Vargas	MW-13	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	MW-13	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	MW-13	02/20/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	MW-14	02/22/11	3.2		120	890	< 1.0	1.2	1.1	185	1,198	
De Vargas	MW-14	03/10/11	< 1.0	12	5.6	320	< 1.0	1.3	1.2	201	540	
De Vargas	MW-14	06/15/11	< 1.0	< 1.0	< 1.0	8.9	< 1.0	0.037	< 1.0	31	43	
De Vargas	MW-14	10/04/11	1.4	1.9	< 1.0	34	< 1.0	0.19	2.2	63	101	
De Vargas	MW-14	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	130	135	
De Vargas	MW-14	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.074	< 1.0	181	186	
De Vargas	MW-14	07/18/12	< 1.0	< 1.0	< 1.0	2.7	< 1.0	0.46	3.9	242	248	
De Vargas	MW-14	10/11/12	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	0.27	8.7	43	66	
De Vargas	MW-14	01/09/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.11	3.7	18	22	
De Vargas	MW-14	04/02/13	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	0.23	< 5.0	44	67	
De Vargas	MW-14	06/25/13	< 1.0	< 1.0	< 1.0	1.7	< 1.0	0.082	1.2	40	45	
De Vargas	MW-14	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	1.2	32	36	
De Vargas	MW-14	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.13	< 1.0	11	15	
De Vargas	MW-14	01/20/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.22	< 1.0	82	87	
De Vargas	MW-14	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.11	< 1.0	20	24	
De Vargas	MW-14	04/07/14	< 1.0	< 1.0	< 1.0	1.6	< 1.0	0.16	< 1.0	47	52	
De Vargas	MW-14	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.16	< 1.0	32	37	
De Vargas	MW-14	09/24/14	< 1.0	< 1.0	< 1.0	2.8	< 1.0	0.18	< 1.0	219	225	
De Vargas	MW-14	10/26/15	< 2.5	< 5.0	< 5.0	27	< 5.0	< 5.0	< 5.0	266	306	
De Vargas	MW-14	04/04/16	< 10	< 10	< 10	< 15	< 10	< 10	< 10	39	84	
De Vargas	MW-14	12/14/16	< 1.0	< 1.0	< 1.0	3.9	< 1.0	0.013	4.9	91	98	
De Vargas	MW-14	08/14/17	< 1.0	< 1.0	< 1.0	8.4	< 1.0	< 0.0093	2.6	128	139	
De Vargas	MW-14	02/22/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	1.5	29	33	
De Vargas	MW-14	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	MW-14	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	MW-15	02/22/11	13,000	24,000	1,400	9,300	< 50	140	280	440	48,140	
De Vargas	MW-15	03/10/11	13,000	24,000	1,800	11,000	< 50	120	280	590	50,390	
De Vargas	MW-15	05/09/11	5,400	6,600	630	2,900	< 100	60	110	280	15,810	
De Vargas	MW-15	06/15/11	2,200	2,700	410	1,000	< 10	21	78	285	6,595	
De Vargas	MW-15	10/05/11	1,300	470	140	400	< 10	8.5	75	100	2,410	
De Vargas	MW-15	01/05/12	2,100	380	150	440	< 10	6.8	100	110	3,180	
De Vargas	MW-15	04/10/12	1,300	81	86	150	< 10	2.9	67	60	1,677	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	MW-15	07/18/12	1,700	22	43	34	< 10	1.1	72	38	1,837	
De Vargas	MW-15	10/10/12	1,700	140	72	110	< 10	2.0	82	37	2,059	
De Vargas	MW-15	01/09/13	1,700	140	67	120	< 10	0.94	71	26	2,053	
De Vargas	MW-15	04/02/13	1,400	85	38	76	< 10	0.71	68	25	1,624	
De Vargas	MW-15	06/25/13	560	37	14	39	< 10	0.30	44	< 100	750	
De Vargas	MW-15	09/18/13	160	1.7	1.9	2.9	< 1.0	< 1.0	32	2.2	169	
De Vargas	MW-15	12/16/13	33	< 1.0	< 1.0	2.7	< 1.0	0.41	34	< 10	48	
De Vargas	MW-15	01/20/14	76	2.2	< 1.0	4.5	< 1.0	0.27	19	< 10	94	
De Vargas	MW-15	02/11/14	170	7.5	1.4	11	< 1.0	1.2	30	3.3	193	
De Vargas	MW-15	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.056	7.7	< 10	15	
De Vargas	MW-15	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.019	4.9	< 10	15	
De Vargas	MW-15	10/26/15	590	1.9	27	12	< 1.0	< 1.0	64	29	660	
De Vargas	MW-15	04/04/16	120	< 5.0	5.3	< 7.5	< 5.0	< 5.0	41	< 50	188	
De Vargas	MW-15	12/14/16	2.8	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	32	< 10	16	
De Vargas	MW-15	08/14/17	1.6	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	28	< 10	15	
De Vargas	MW-15	02/19/18	1.9	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	28	< 10	15	
De Vargas	MW-15	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	40	< 10	15	
De Vargas	MW-15	02/20/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	22	< 10	15	
De Vargas	MW-15	09/24/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	26	< 4.0	8.5	
De Vargas	MW-15	07/29/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	23	< 4.0	8.5	
De Vargas	MW-15	11/14/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	25	< 4.0	8.5	
De Vargas	MW-15	04/03/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	18	< 10	15	
De Vargas	MW-16	08/11/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	MW-16	12/14/16										Paved over
De Vargas	MW-17	08/11/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	MW-17	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-17	02/22/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-07	03/24/10										NAPL
De Vargas	SFCMW-07	01/05/12	< 1.0	2.1	< 1.0	23	< 1.0	0.47	< 1.0	239	266	
De Vargas	SFCMW-07	04/11/12	2.3	3.3	< 2.0	26	< 2.0	0.25	< 2.0	39	73	
De Vargas	SFCMW-07	07/18/12	< 1.0	< 1.0	< 1.0	14	< 1.0	0.22	< 1.0	49	66	
De Vargas	SFCMW-07	10/09/12	1.2	1.0	< 1.0	16	< 1.0	0.14	< 1.0	20	39	
De Vargas	SFCMW-07	01/09/13	< 1.0	< 1.0	< 1.0	7.9	< 1.0	0.11	< 1.0	20	31	
De Vargas	SFCMW-07	04/02/13	< 1.0	< 1.0	< 1.0	7.3	< 1.0	0.077	< 1.0	13	24	
De Vargas	SFCMW-07	06/25/13	< 1.0	< 1.0	< 1.0	3.6	< 1.0	0.069	< 1.0	10	17	
De Vargas	SFCMW-07	09/18/13	1.1	1.5	< 1.0	5.9	< 1.0	< 1.0	< 1.0	41	51	
De Vargas	SFCMW-07	12/17/13	1.4	< 1.0	< 1.0	5.5	< 1.0	0.035	< 1.0	51	60	
De Vargas	SFCMW-07	01/21/14	< 1.0	< 1.0	< 1.0	4.4	< 1.0	0.030	< 1.0	57	64	
De Vargas	SFCMW-07	02/10/14	< 1.0	< 1.0	< 1.0	4.3	< 1.0	0.029	< 1.0	53	60	
De Vargas	SFCMW-07	04/08/14	< 1.0	< 1.0	< 1.0	1.9	< 1.0	0.027	< 1.0	41	46	
De Vargas	SFCMW-07	07/15/14	< 1.0	< 1.0	< 1.0	14	< 1.0	0.045	< 1.0	117	134	
De Vargas	SFCMW-07	09/26/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	0.022	< 5.0	239	262	
De Vargas	SFCMW-07	10/26/15	< 10	< 10	< 10	120	< 10	< 10	< 10	1,910	2,060	
De Vargas	SFCMW-07	04/04/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.92	< 1.0	< 10	15	
De Vargas	SFCMW-07	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.59	1.2	< 10	15	
De Vargas	SFCMW-07	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.35	1.2	< 10	15	
De Vargas	SFCMW-07	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.44	1.1	< 10	15	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	SFCMW-07	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**0.19**	< 1.0	< 10	15	
De Vargas	SFCMW-07	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	**0.13**	< 1.0	< 10	15	
De Vargas	SFCMW-07	09/24/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.021	< 1.0	< 4.0	8.5	
De Vargas	SFCMW-07	07/29/22	< 1.0	< 1.0	< 1.0	1.7	< 1.0	**0.090**	1.1	10	15	
De Vargas	SFCMW-07	11/15/22	< 1.0	< 1.0	< 1.0	3.1	< 1.0	**0.080**	< 1.0	**52**	58	
De Vargas	SFCMW-07	04/03/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.023	1.2	< 10	15	
De Vargas	SFCMW-09	03/26/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09	03/11/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09	06/14/11										Obstruction
De Vargas	SFCMW-09	10/04/11										Destroyed
De Vargas	SFCMW-09D	03/26/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	03/11/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	06/15/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	SFCMW-09D	10/06/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	01/05/12	< 1.0	1.5	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	01/08/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 2.0	7.0	
De Vargas	SFCMW-09D	04/02/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	01/21/14	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 0.010	< 2.0	< 20	30	
De Vargas	SFCMW-09D	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	07/16/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	SFCMW-09D	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-11	03/25/10	**3,700**	**4,600**	**1,200**	**6,800**	< 50	**29**	**110**	**680**	16,980	
De Vargas	SFCMW-11	09/27/10										NAPL
De Vargas	SFCMW-11	03/10/11	**52**	370	220	**4,200**	< 20	**2.3**	< **20**	**1,440**	6,282	
De Vargas	SFCMW-11	06/15/11	**96**	410	120	**2,700**	< 20	**1.5**	< **20**	**560**	3,886	
De Vargas	SFCMW-11	10/04/11	**39**	300	110	**2,100**	< 20	**0.66**	< **20**	**600**	3,149	
De Vargas	SFCMW-11	01/05/12	**21**	110	180	**1,200**	< 10	**0.10**	< **10**	**720**	2,231	
De Vargas	SFCMW-11	04/11/12	< 1.0	4.0	5.8	31	< 1.0	< 0.010	< 1.0	21	62	
De Vargas	SFCMW-11	07/18/12	< **20**	26	36	220	< 20	< 0.010	< **20**	< **200**	502	
De Vargas	SFCMW-11	10/09/12	< 5.0	34	47	230	< 5.0	< 0.010	< 5.0	**73**	389	
De Vargas	SFCMW-11	01/08/13	< 1.0	3.3	7.5	30	< 1.0	< 0.010	< 1.0	12	54	
De Vargas	SFCMW-11	04/03/13	< 1.0	27	62	300	< 1.0	< 0.010	< 1.0	**69**	459	
De Vargas	SFCMW-11	06/25/13	< 2.0	< 2.0	7.9	18	< 2.0	< 0.010	< 2.0	21	51	
De Vargas	SFCMW-11	09/18/13	< 1.0	< 1.0	1.2	1.6	< 1.0	< **1.0**	< 1.0	8.2	13	
De Vargas	SFCMW-11	12/17/13	< 1.0	< 1.0	1.3	< 1.5	< 1.0	< 0.010	< 1.0	16	21	
De Vargas	SFCMW-11	01/21/14	< **10**	< 10	< 10	< 15	< 10	< 0.010	< **10**	**307**	352	
De Vargas	SFCMW-11	02/10/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	14	19	
De Vargas	SFCMW-11	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-11	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	8.5	13	
De Vargas	SFCMW-11	10/26/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< **1.0**	< 1.0	< 10	15	
De Vargas	SFCMW-11	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-11	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	SFCMW-11	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0092	< 1.0	< 10	15	
De Vargas	SFCMW-11	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-11	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0096	< 1.0	< 10	15	
De Vargas	SFCMW-11	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	SFCMW-12	03/25/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	07/18/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	10/09/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	01/08/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	04/02/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	06/25/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	SFCMW-12	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	01/21/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	02/10/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	07/15/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	SFCMW-12	10/26/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	SFCMW-12	04/04/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-12	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-12	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-12	02/22/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0098	< 1.0	< 10	15	
De Vargas	SFRMW-01	03/25/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	8.7	< 10	15	
De Vargas	SFRMW-01D	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	03/10/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	06/16/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-02	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-02	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-02	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-02	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
De Vargas	SVE-10D	03/10/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	06/16/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	SVE-10D	10/05/11	< 2.0	< 2.0	< 2.0	16	< 2.0	0.037	< 2.0	< 20	42	
De Vargas	SVE-10D	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	12/16/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0096	< 1.0	< 10	15	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	SVE-8	03/25/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-8	12/15/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-8	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SVE-9	03/24/10										NAPL
De Vargas	SVE-9	04/04/13	11	290	200	990	< 10	< 0.098	< 10	530	2,021	
De Vargas	SVE-9	06/25/13	< 100	2,000	1,300	6,400	< 100	0.18	< 100	680	10,480	
De Vargas	SVE-9	09/18/13	14	960	580	3,200	< 10	< 10	< 10	1,540	6,294	
De Vargas	SVE-9	04/10/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	0.024	< 5.0	< 50	73	
De Vargas	SVE-9	07/17/14	< 5.0	< 5.0	< 5.0	19	< 5.0	0.098	< 5.0	23	57	
De Vargas	SVE-9	12/15/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.27	< 1.0	< 10	15	
De Vargas	TWN-1	03/24/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	0.023	< 2.0	< 20	29	
De Vargas	TWN-1	07/17/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	TWN-1	10/26/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	TWN-1	04/04/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	TWN-1	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	TWN-1	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	TWN-1	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	TWN-1	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	TWN-1	02/20/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	TWN-2	03/25/14	< 10	< 10	< 10	610	< 10	3.4	< 10	462	1,102	
De Vargas	TWN-2	07/17/14	8.5	< 5.0	< 5.0	110	< 5.0	0.55	5.8	151	280	
De Vargas	TWN-2	09/24/14	< 5.0	< 5.0	< 5.0	64	< 5.0	0.18	< 5.0	247	326	
De Vargas	TWN-2	10/26/15	420	76	11	870	< 10	50	27	850	2,227	
De Vargas	TWN-2	04/04/16	66	46	9.5	840	< 5.0	26	6.3	670	1,632	
De Vargas	TWN-2	12/14/16	210	130	24	1,300	< 5.0	39	12	1,220	2,884	
De Vargas	TWN-2	08/14/17	270	210	26	1,600	< 10	23	< 10	1,130	3,236	
De Vargas	TWN-2	02/20/18	3.4	1.6	< 1.0	26	< 1.0	0.53	14	57	89	
De Vargas	TWN-2	08/08/18	1.4	< 1.0	< 1.0	4.6	< 1.0	0.15	8.6	5.7	14	
De Vargas	TWN-2	02/22/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.060	15	< 10	15	
De Vargas	TWN-2	09/24/19	3.1	< 1.0	< 1.0	< 1.5	< 1.0	0.14	6.3	< 4.0	11	
De Vargas	TWN-2	07/29/22	36	3.9	24	140	< 1.0	0.32	3.9	880	1,084	
De Vargas	TWN-2	11/15/22	24	5.7	31	100	< 1.0	0.39	5.9	624	785	
De Vargas	TWN-2	04/03/23										PetroFix® in the well
De Vargas	TWN-3	03/24/14	2,800	5,200	1,600	17,000	< 50	230	63	1,190	27,790	
De Vargas	TWN-3	07/17/14	360	620	140	4,300	< 10	40	16	820	6,240	
De Vargas	TWN-3	09/24/14	490	730	51	2,000	< 20	38	< 20	700	3,971	
De Vargas	TWN-3	10/26/15	11,000	10,000	180	7,400	< 10	73	240	955	29,535	
De Vargas	TWN-3	04/06/16	6,100	5,700	150	10,000	< 100	100	160	540	22,490	
De Vargas	TWN-3	12/14/16	4,900	3,200	130	6,400	< 5.0	64	120	685	15,315	
De Vargas	TWN-3	08/14/17	1,200	400	< 20	1,200	< 20	9.1	38	120	2,940	
De Vargas	TWN-3	02/19/18	1.4	< 1.0	< 1.0	< 1.5	< 1.0	0.20	< 1.0	< 10	15	
De Vargas	TWN-3	08/08/18	310	140	86	900	< 1.0	3.8	33	100	1,536	
De Vargas	TWN-3	02/20/19	170	31	29	170	< 1.0	1.5	19	43	443	
De Vargas	TWN-3	09/23/19	29	1.2	1.9	12	< 1.0	4.4	1.6	5.0	49	
De Vargas	TWN-3	07/29/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 4.0	8.5	
De Vargas	TWN-3	11/14/22	13	< 1.0	< 1.0	< 1.5	< 1.0	0.020	4.4	5.2	22	
De Vargas	TWN-3	04/03/23										PetroFix® in the well

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Design Center	MW-20	08/11/14	< 2.0	< 2.0	< 2.0	< 3.0	6.4	< 0.010	10	< 20	29	
Design Center	MW-20	09/24/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-20	10/28/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
Design Center	MW-20	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
Design Center	MW-20	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-20	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
Design Center	MW-20	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
Design Center	MW-20	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
Design Center	MW-20	02/22/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
Design Center	MW-4	02/13/06	1,600	220	< 10	360	< 10	6.0	35	< 40	2,230	
Design Center	MW-4	06/02/06	1.2	< 1.0	< 1.0	< 3.0	< 1.5	0.013	< 1.0	< 10	16	
Design Center	MW-4	02/16/07	1.4	3.1	< 1.0	< 3.0	< 1.0	0.018	< 1.0	< 10	19	
Design Center	MW-4	05/23/07	730	680	29	560	< 1.0	2.9	2.1	44	2,043	
Design Center	MW-4	08/29/07	13	21	1.6	59	< 1.0	0.018	< 1.0	20	115	
Design Center	MW-4	11/15/07	3,600	8,100	780	4,500	< 1.0	25	4.7	569	17,549	
Design Center	MW-4	09/15/08	4,400	4,200	370	2,400	< 100	26	< 100	< 400	11,770	
Design Center	MW-4	12/19/08	3,700	3,800	310	2,100	< 100	18	< 100	< 400	10,310	
Design Center	MW-4	03/09/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.014	< 1.0	< 10	15	
Design Center	MW-4	05/22/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-4	07/17/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-4	03/25/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-4	04/11/12	8,100	37,000	3,400	21,000	< 100	110	< 100	750	70,250	
Design Center	MW-4	07/19/12	7,500	33,000	3,000	19,000	< 100	81	< 100	1,000	63,500	
Design Center	MW-4	10/11/12	6,600	37,000	3,400	20,000	< 100	120	< 100	1,310	68,310	
Design Center	MW-4	01/09/13	5,400	33,000	3,100	20,000	< 500	66	< 500	< 5,000	66,500	
Design Center	MW-4	04/04/13	4,400	31,000	3,500	20,000	< 100	44	< 100	1,290	60,190	
Design Center	MW-4	06/24/13	3,200	24,000	2,300	16,000	< 100	28	< 100	720	46,220	
Design Center	MW-4	09/19/13	3,200	21,000	2,600	19,000	< 200	< 200	< 200	970	46,770	
Design Center	MW-4	10/11/13	< 50	4,700	2,000	16,000	< 50	< 50	< 50	1,520	24,270	
Design Center	MW-4	12/18/13	< 50	< 50	84	3,400	< 50	2.5	< 50	170	3,754	
Design Center	MW-4	01/22/14	< 10	29	170	6,600	< 10	1.6	< 10	950	7,759	
Design Center	MW-4	02/12/14	< 50	< 50	170	6,200	< 50	1.0	< 50	810	7,280	
Design Center	MW-4	06/24/14										Plugged and abandoned
Design Center	MW-4R	06/24/14	8,200	32,000	2,600	17,000	< 10	100	24	1,090	60,890	
Design Center	MW-4R	07/15/14	6,800	30,000	2,600	17,000	< 20	54	< 20	872	57,272	
Design Center	MW-4R	09/24/14	6,800	27,000	2,300	17,000	< 50	74	< 50	1,220	54,320	
Design Center	MW-4R	10/28/15	7,700	13,000	1,600	11,000	< 10	44	< 10	910	34,210	
Design Center	MW-4R	04/06/16	7,400	15,000	1,500	11,000	< 100	< 100	< 10	500	35,400	
Design Center	MW-4R	12/14/16	610	1,400	300	2,100	< 100	1.3	< 100	< 1,000	5,410	
Design Center	MW-4R	08/14/17	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0094	< 2.0	58	67	
Design Center	MW-4R	02/21/18	1,400	9,100	860	6,000	< 10	1.6	< 10	468	17,828	
Design Center	MW-4R	08/08/18	790	4,800	480	3,400	< 25	1.2	< 25	200	9,670	
Design Center	MW-4R	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
Design Center	MW-4R	09/24/19	1,800	13,000	1,300	9,200	< 1.0	2.2	< 1.0	597	25,897	
Design Center	MW-4R	07/29/22	210	2,000	200	1,200	< 50	0.078	< 50	< 200	3,810	
Design Center	MW-4R	11/17/22	870	10,000	1,100	6,800	< 20	0.90	< 20	673	19,443	
Design Center	MW-4R	04/05/23	1.9	7.6	15	79	< 1.0	< 0.093	< 1.0	20	123	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Design Center	TWS-1	03/24/14	140	3,100	1,600	8,100	< 50	0.51	< 50	1,170	14,110	
Design Center	TWS-1	07/18/14	< 5.0	18	9.6	130	< 5.0	< 0.010	< 5.0	32	195	
Design Center	TWS-1	09/25/14	< 5.0	170	57	470	< 5.0	< 0.010	< 5.0	89	791	
Design Center	TWS-1	10/26/15	570	4,100	690	4,400	< 10	< 10	< 10	676	10,436	
Design Center	TWS-1	04/06/16	< 2.0	3.8	2.1	170	< 2.0	< 2.0	< 2.0	81	259	
Design Center	TWS-1	12/14/16	< 1.0	< 1.0	< 1.0	10	< 1.0	< 0.010	< 1.0	8.2	21	
Design Center	TWS-1	08/15/17	< 1.0	< 1.0	< 1.0	1.7	< 1.0	< 0.0094	< 1.0	9.8	15	
Design Center	TWS-1	02/21/18	< 1.0	< 1.0	< 1.0	12	< 1.0	< 0.0093	< 1.0	24	39	
Design Center	TWS-1	08/08/18	< 1.0	< 1.0	< 1.0	9.9	< 1.0	< 0.0095	< 1.0	23	36	
Design Center	TWS-1	02/21/19	< 1.0	< 1.0	< 1.0	8.2	< 1.0	< 0.0095	< 1.0	28	39	
Design Center	TWS-1	09/23/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
Design Center	TWS-1	08/01/22	< 1.0	< 1.0	< 1.0	2.7	< 1.0	< 1.0	< 1.0	2.0	7.7	
Design Center	TWS-1	11/16/22	< 1.0	< 1.0	2.3	5.9	< 1.0	< 1.0	< 1.0	48	58	
Design Center	TWS-1	04/05/23	< 1.0	< 1.0	< 1.0	J 1.2	< 1.0	< 1.0	< 1.0	J 3.0	7.2	
Design Center	TWS-2	03/24/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-2	07/15/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-2	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-2	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
Design Center	TWS-3	03/24/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-3	07/15/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.020	< 1.0	< 20	29	
Design Center	TWS-3	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-3	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
Design Center	TWS-4	03/24/14	2,200	4,400	900	3,400	< 10	1.7	46	193	11,093	
Design Center	TWS-4	07/15/14	400	72	79	210	< 20	0.075	41	< 200	961	
Design Center	TWS-4	09/24/14	1,400	510	380	840	< 10	0.43	45	331	3,461	
Design Center	TWS-4	10/27/15	1,800	4,300	760	3,500	< 100	< 100	< 100	< 1,000	11,360	
Design Center	TWS-4	04/05/16	750	1,000	530	2,200	< 20	< 20	< 20	140	4,620	
Design Center	TWS-4	12/14/16	540	700	620	2,200	< 20	0.14	< 20	170	4,230	
Design Center	TWS-4	08/14/17	300	220	340	930	< 10	< 0.0094	< 10	87	1,877	
Design Center	TWS-4	02/21/18	260	410	470	1,300	< 5.0	0.039	7.2	167	2,607	
Design Center	TWS-4	08/08/18	120	170	220	530	< 5.0	0.014	9.4	98	1,138	
Design Center	TWS-4	02/20/19	140	270	230	510	< 5.0	< 0.0095	7.4	89	1,239	
Design Center	TWS-4	09/24/19	410	1,600	760	2,200	< 1.0	0.056	6.9	308	5,278	
Design Center	TWS-4	07/29/22	110	730	540	1,300	< 10	< 0.0094	< 10	191	2,871	
Design Center	TWS-4	11/17/22	110	610	620	1,500	< 10	< 0.0094	< 10	281	3,121	
Design Center	TWS-4	04/05/23	23	25	90	260	< 10	< 0.094	J 3.3	J 73	471	
SFCJC	MW-18	08/08/14	150	< 2.0	7.1	< 3.0	55	< 0.010	190	< 20	182	
SFCJC	MW-18	08/11/14	600	3.7	9.8	8.3	23	< 0.010	130	13	635	
SFCJC	MW-18	09/25/14	2.6	< 2.0	< 2.0	< 3.0	2.3	< 0.010	7.6	< 20	30	
SFCJC	MW-18	10/26/15	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 20	29	
SFCJC	MW-18	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	MW-18	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-18	08/15/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	MW-18	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-18	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	MW-18	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-19	08/11/14	< 2.0	< 2.0	< 2.0	< 3.0	7.7	< 0.010	5.2	< 20	29	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	MW-19	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-19	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	MW-1R	04/03/04	13,000	18,000	180	8,600	< 1.0	34	21	409	40,189	
SFCJC	MW-1R	08/06/04	6,800	6,800	370	3,600	< 10	20	32	627	18,197	
SFCJC	MW-1R	11/02/04	12,000	8,600	540	6,100	< 100	9.6	< 100	340	27,580	
SFCJC	MW-1R	02/13/06	15,000	22,000	2,300	9,900	< 500	37	< 500	< 2,000	51,200	
SFCJC	MW-1R	06/02/06	8,500	13,000	1,600	5,800	< 750	24	< 500	< 2,000	30,900	
SFCJC	MW-1R	02/16/07	9,800	19,000	1,400	7,700	< 250	74	< 250	510	38,410	
SFCJC	MW-1R	05/23/07	13,000	23,000	1,900	9,600	< 100	71	< 100	440	47,940	
SFCJC	MW-1R	08/29/07	7,400	16,000	710	7,200	< 20	53	< 20	520	31,830	
SFCJC	MW-1R	11/15/07	8,300	21,000	1,300	8,700	< 20	24	< 20	700	40,000	
SFCJC	MW-1R	09/15/08	2,600	18,000	2,500	12,000	< 100	7.9	< 100	550	35,650	
SFCJC	MW-1R	12/19/08	2,000	23,000	3,100	13,000	< 50	7.0	< 50	600	41,700	
SFCJC	MW-1R	03/09/09	1,300	25,000	2,400	12,000	< 50	4.5	< 50	470	41,170	
SFCJC	MW-1R	05/22/09	1,700	25,000	2,400	12,000	< 100	3.3	< 100	510	41,610	
SFCJC	MW-1R	07/18/09	2,300	25,000	2,300	11,000	< 50	2.7	< 50	540	41,140	
SFCJC	MW-1R	03/25/10	3,100	17,000	1,400	9,300	< 50	2.3	< 50	450	31,250	
SFCJC	MW-1R	07/19/12	360	550	32	300	< 20	2.8	< 20	860	2,102	
SFCJC	MW-1R	10/11/12	2,500	4,500	220	2,100	< 20	13	< 20	2,030	11,350	
SFCJC	MW-1R	01/09/13	230	440	45	550	< 5.0	0.50	< 5.0	485	1,750	
SFCJC	MW-1R	04/04/13	3,600	9,500	950	5,500	< 50	2.0	< 50	540	20,090	
SFCJC	MW-1R	06/24/13	2,700	9,200	650	5,100	< 50	2.2	< 50	720	18,370	
SFCJC	MW-1R	09/19/13	480	990	140	1,500	< 5.0	< 5.0	< 5.0	468	3,578	
SFCJC	MW-1R	10/11/13	95	190	8.2	280	< 5.0	< 5.0	< 5.0	324	897	
SFCJC	MW-1R	12/18/13	310	680	31	610	< 5.0	1.9	< 5.0	1,010	2,641	
SFCJC	MW-1R	01/22/14	980	2,100	130	1,800	< 5.0	2.6	< 5.0	1,630	6,640	
SFCJC	MW-1R	02/12/14	1,100	2,700	180	2,500	< 5.0	4.3	< 5.0	1,710	8,190	
SFCJC	MW-1R	04/09/14	16	28	7.5	120	< 5.0	0.32	< 5.0	264	436	
SFCJC	MW-1R	07/15/14	9.6	13	< 5.0	56	< 5.0	0.41	< 5.0	102	186	
SFCJC	MW-1R	09/24/14	1,900	4,500	310	4,700	< 5.0	4.4	< 5.0	2,420	13,830	
SFCJC	MW-1R	10/27/15	240	5,300	2,700	18,000	< 50	< 50	< 50	1,170	27,410	
SFCJC	MW-1R	04/05/16	140	81	1,700	6,600	< 50	< 50	< 50	480	9,001	
SFCJC	MW-1R	12/14/16	99	340	1,100	7,400	< 20	< 0.010	< 20	713	9,652	
SFCJC	MW-1R	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0092	< 1.0	< 10	15	
SFCJC	MW-1R	02/20/18	300	2,300	1,200	12,000	< 10	0.033	< 10	1,030	16,830	
SFCJC	MW-1R	08/08/18	240	1,700	630	8,900	< 10	< 0.0094	< 10	920	12,390	
SFCJC	MW-1R	02/21/19	860	2,200	1,500	12,000	< 10	< 0.0093	< 10	1,080	17,640	
SFCJC	MW-1R	09/24/19	1,700	6,200	2,300	17,000	< 10	0.52	< 10	1,210	28,410	
SFCJC	MW-1R	07/29/22	150	930	1,400	9,500	< 10	< 0.0094	< 10	1,000	12,980	
SFCJC	MW-1R	11/17/22	240	1,200	1,300	8,800	< 10	< 0.0095	< 10	960	12,500	
SFCJC	MW-1R	04/05/23	230	560	760	4,200	< 10	< 0.093	J 5.5	408	6,158	
SFCJC	MW-2	02/07/99	< 1.0	< 1.0	< 1.0	< 3.0					6.0	
SFCJC	MW-2	09/23/03	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 10	14	
SFCJC	MW-2	04/03/04	< 1.0	1.6	< 1.0	< 1.0	1.0	< 0.010	1.0	< 2.5	7.1	
SFCJC	MW-2	08/06/04	1.2	1.8	< 1.0	2.1	< 1.0	< 0.010	< 1.0	< 10	16	
SFCJC	MW-2	11/02/04	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 10	14	
SFCJC	MW-2	02/13/06	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 10	14	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	MW-2	06/02/06	< 1.0	< 1.0	< 1.0	< 3.0	< 1.5	< 0.010	< 1.0	< 10	16	
SFCJC	MW-2	02/16/07	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 0.010	< 1.0	< 10	16	
SFCJC	MW-2	05/23/07	< 1.0	5.7	1.8	8.8	< 1.0	< 0.010	< 1.0	< 10	27	
SFCJC	MW-2	08/29/07	< 1.0	< 1.0	< 1.0	2.7	< 1.0	< 0.010	< 1.0	< 10	16	
SFCJC	MW-2	11/15/07	< 1.0	1.8	1.5	5.7	< 1.0	< 0.010	< 1.0	< 10	20	
SFCJC	MW-2	09/15/08	< 1.0	< 1.0	< 1.0	< 1.5	2.3	< 0.010	2.4	< 10	15	
SFCJC	MW-2	12/19/08	< 1.0	< 1.0	< 1.0	< 1.5	2.4	< 0.010	1.9	< 10	15	
SFCJC	MW-2	03/09/09	< 1.0	< 1.0	< 1.0	1.6	1.5	< 0.010	1.9	< 10	15	
SFCJC	MW-2	05/22/09	< 1.0	< 1.0	< 1.0	< 1.5	4.8	< 0.010	4.4	< 10	15	
SFCJC	MW-2	07/17/09	< 1.0	< 1.0	< 1.0	< 1.5	4.5	< 0.010	3.8	< 10	15	
SFCJC	MW-2	03/26/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-2	04/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-2	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-2	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-3	04/03/04										NAPL
SFCJC	MW-3	08/06/04										NAPL
SFCJC	MW-3	11/02/04										NAPL
SFCJC	MW-3	02/13/06										NAPL
SFCJC	MW-3	06/02/06										NAPL
SFCJC	MW-3	05/23/07	3,400	27,000	4,100	18,000	< 100	0.039	< 100	860	53,360	
SFCJC	MW-3	08/29/07										NAPL
SFCJC	MW-3	11/15/07	2,000	18,000	4,700	22,000	< 20	0.41	< 20	1,460	48,160	
SFCJC	MW-3	09/15/08										NAPL
SFCJC	MW-3	12/19/08										NAPL
SFCJC	MW-3	03/09/09										NAPL
SFCJC	MW-3	05/22/09										NAPL
SFCJC	MW-3	07/10/09										NAPL
SFCJC	MW-5	02/21/06	1,400	310	1,200	2,300	< 50	0.011	< 50	300	5,510	
SFCJC	MW-5	06/02/06	1,600	260	1,700	2,200	< 30	0.020	56	799	6,559	
SFCJC	MW-5	02/16/07	1,600	1,100	1,900	4,700	< 20	< 0.010	< 20	670	9,970	
SFCJC	MW-5	05/23/07	1,400	1,000	2,700	5,000	< 10	6.4	11	841	10,941	
SFCJC	MW-5	08/29/07	1,400	1,600	2,400	6,400	< 5.0	0.027	7.7	979	12,779	
SFCJC	MW-5	11/15/07	1,100	1,300	2,000	4,300	< 5.0	0.019	11	886	9,586	
SFCJC	MW-5	09/15/08	3,100	1,100	1,800	2,500	< 100	0.26	< 100	640	9,140	
SFCJC	MW-5	12/19/08	4,100	2,400	1,600	3,000	< 50	0.12	< 50	550	11,650	
SFCJC	MW-5	03/09/09	7,300	5,300	1,600	4,600	< 50	0.061	52	480	19,280	
SFCJC	MW-5	05/22/09	7,100	6,200	1,600	4,800	< 50	< 0.010	64	490	20,190	
SFCJC	MW-5	07/18/09	6,000	5,300	1,500	4,500	< 20	0.070	48	680	17,980	
SFCJC	MW-5	03/24/10	6,700	4,400	1,800	4,900	< 20	< 0.010	54	670	18,470	
SFCJC	MW-5	10/05/11	< 10	< 10	240	900	< 10	< 0.010	19	421	1,581	
SFCJC	MW-5	01/04/12	440	< 10	< 10	< 15	27	< 0.010	360	< 100	575	
SFCJC	MW-5	04/11/12	13	< 2.0	< 2.0	< 3.0	25	< 0.010	240	< 20	40	
SFCJC	MW-5	07/17/12	3.2	< 1.0	< 1.0	< 1.5	23	< 0.010	220	< 10	17	
SFCJC	MW-5	10/10/12	5.4	1.5	< 1.0	< 1.5	26	< 0.010	260	< 10	19	
SFCJC	MW-5	01/09/13	7.7	< 1.0	< 1.0	< 1.5	16	< 0.010	130	< 10	21	
SFCJC	MW-5	04/03/13	2.4	< 1.0	< 1.0	< 1.5	8.5	< 0.010	93	< 10	16	
SFCJC	MW-5	06/24/13	< 10	< 10	< 10	< 15	< 10	< 0.010	100	< 100	145	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	MW-5	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	17	< 1.0	190	< 10	15	
SFCJC	MW-5	12/19/13	< 1.0	< 1.0	< 1.0	< 1.5	2.9	< 0.010	27	< 10	15	
SFCJC	MW-5	01/22/14	< 1.0	< 1.0	< 1.0	< 1.5	2.7	< 0.010	34	< 10	15	
SFCJC	MW-5	02/12/14	< 1.0	< 1.0	< 1.0	< 1.5	3.0	< 0.010	35	< 10	15	
SFCJC	MW-5	04/09/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.021	1.1	< 10	15	
SFCJC	MW-5	07/15/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.0	< 10	15	
SFCJC	MW-5	10/28/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	MW-5	12/16/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-5	08/15/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-5	02/22/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	MW-5	08/09/18	4.2	< 1.0	27	< 1.5	< 1.0	0.033	< 1.0	6.2	40	
SFCJC	MW-5	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-6	07/18/09	7,300	14,000	2,600	10,000	< 50	0.14	82	930	34,830	
SFCJC	MW-6	03/24/10	7,200	12,000	2,900	11,000	< 100	0.20	< 100	660	33,760	
SFCJC	MW-6	10/05/11	< 10	16	74	410	15	< 0.010	130	253	763	
SFCJC	MW-6	01/04/12	1,500	26	< 10	43	54	< 0.010	210	120	1,699	
SFCJC	MW-6	04/10/12	2,200	13	3.0	29	43	< 0.010	160	144	2,389	
SFCJC	MW-6	07/17/12	1,300	12	< 10	21	43	< 0.010	160	30	1,373	
SFCJC	MW-6	10/10/12	620	12	< 5.0	18	37	< 0.010	150	121	776	
SFCJC	MW-6	01/10/13	210	< 5.0	< 5.0	< 7.5	22	< 0.010	78	< 50	278	
SFCJC	MW-6	04/02/13	120	< 5.0	< 5.0	< 7.5	28	< 0.010	100	13	151	
SFCJC	MW-6	06/24/13	48	2.5	1.2	2.5	19	< 0.010	75	13	67	
SFCJC	MW-6	09/18/13	33	2.0	< 1.0	2.3	19	< 1.0	75	9.7	48	
SFCJC	MW-6	12/18/13	< 1.0	< 1.0	< 1.0	< 1.5	28	< 0.010	90	< 10	15	
SFCJC	MW-6	01/21/14	< 1.0	< 1.0	< 1.0	3.3	25	< 0.010	78	< 10	16	
SFCJC	MW-6	02/12/14	< 5.0	11	7.8	67	16	0.071	47	19	110	
SFCJC	MW-6	04/09/14	< 5.0	6.1	6.9	84	5.2	0.25	18	50	152	
SFCJC	MW-6	07/14/14	< 1.0	15	9.6	180	8.4	0.39	24	197	403	
SFCJC	MW-6	09/25/14	< 1.0	25	24	200	11	0.18	27	147	397	
SFCJC	MW-6	10/28/15	< 100	< 100	220	4,400	< 100	< 100	< 100	1,520	6,340	
SFCJC	MW-6	04/05/16	< 20	34	87	2,900	< 20	< 20	< 20	830	3,871	
SFCJC	MW-6	12/14/16	< 10	< 10	21	320	< 10	< 0.010	< 10	920	1,281	
SFCJC	MW-6	08/14/17	< 10	< 10	70	750	< 10	0.015	< 10	960	1,800	
SFCJC	MW-6	02/20/18	< 10	33	70	2,000	< 10	0.061	< 10	690	2,803	
SFCJC	MW-6	08/09/18	< 5.0	7.5	210	310	< 10	0.044	< 5.0	473	1,006	
SFCJC	MW-6	02/21/19	< 1.0	5.0	180	230	< 1.0	0.043	< 1.0	180	596	
SFCJC	MW-6	09/23/19	< 2.0	< 2.0	150	35	< 2.0	< 2.0	< 2.0	71	260	
SFCJC	MW-6	08/01/22	< 2.0	11	610	610	< 2.0	< 2.0	< 2.0	512	1,745	
SFCJC	MW-6	11/16/22	< 10	12	410	440	< 10	< 10	< 10	375	1,247	
SFCJC	MW-6	04/05/23	< 10	11	260	760	< 10	< 10	< 10	317	1,358	
SFCJC	MW-7	07/18/09	330	260	350	1,600	< 1.0	0.086	17	133	2,673	
SFCJC	MW-7	03/24/10	1,100	2,900	1,400	7,000	< 50	4.1	< 50	330	12,730	
SFCJC	MW-7	01/04/12	6.3	< 1.0	< 1.0	4.8	16	< 0.010	83	121	134	
SFCJC	MW-7	04/10/12	< 5.0	< 5.0	< 5.0	< 7.5	23	< 0.010	180	49	72	
SFCJC	MW-7	07/17/12	< 5.0	< 5.0	< 5.0	< 7.5	35	< 0.010	230	< 50	73	
SFCJC	MW-7	10/10/12	< 5.0	< 5.0	< 5.0	< 7.5	36	< 0.010	260	< 50	73	
SFCJC	MW-7	01/10/13	< 5.0	< 5.0	< 5.0	< 7.5	39	< 0.010	250	< 50	73	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	MW-7	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	8.3	< 0.010	64	< 10	15	
SFCJC	MW-7	06/24/13	< 1.0	< 1.0	< 1.0	< 1.5	5.2	< 0.010	41	< 10	15	
SFCJC	MW-7	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	7.8	< 1.0	61	< 10	15	
SFCJC	MW-7	12/18/13	< 1.0	< 1.0	< 1.0	< 1.5	1.4	< 0.010	10	< 10	15	
SFCJC	MW-7	01/21/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	4.5	< 10	15	
SFCJC	MW-7	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	6.5	< 10	15	
SFCJC	MW-7	04/09/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.5	< 10	15	
SFCJC	MW-7	07/14/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.5	< 10	15	
SFCJC	MW-7	10/28/15	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 5.0	< 5.0	960	983	
SFCJC	MW-7	04/05/16	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 5.0	< 5.0	267	290	
SFCJC	MW-7	12/14/16	< 2.5	< 2.5	< 2.5	< 5.0	< 2.5	< 0.010	< 2.5	218	231	
SFCJC	MW-7	08/14/17	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0094	< 2.0	98	107	
SFCJC	MW-7	02/20/18	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0094	< 2.0	69	78	
SFCJC	MW-7	08/09/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	< 1.0	4.1	8.6	
SFCJC	MW-7	02/20/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	25	29	
SFCJC	MW-8	07/17/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
SFCJC	MW-8	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.9	< 10	15	
SFCJC	MW-8	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	4.4	< 10	15	
SFCJC	MW-8	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.7	< 10	15	
SFCJC	MW-8	07/17/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.0	< 10	15	
SFCJC	MW-8	10/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.8	< 10	15	
SFCJC	MW-8	01/10/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.4	< 10	15	
SFCJC	MW-8	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
SFCJC	MW-8	06/24/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.4	< 10	15	
SFCJC	MW-8	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	1.4	< 10	15	
SFCJC	MW-8	12/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	01/21/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	07/14/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.3	< 10	15	
SFCJC	MW-8	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	MW-8	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-9	07/21/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	09/27/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-01	03/24/10										NAPL
SFCJC	SFCMW-01	10/06/11	320	3,000	1,200	15,000	< 50	0.50	120	1,790	21,310	
SFCJC	SFCMW-01	01/05/12	240	1,600	850	10,000	< 20	0.15	110	2,470	15,160	
SFCJC	SFCMW-01	04/10/12	350	1,500	1,000	11,000	21	0.064	99	1,690	15,540	
SFCJC	SFCMW-01	07/17/12	350	1,300	1,100	11,000	< 50	0.061	80	1,870	15,620	
SFCJC	SFCMW-01	10/09/12	340	1,000	1,200	11,000	< 50	0.020	65	1,710	15,250	
SFCJC	SFCMW-01	01/08/13	130	250	540	4,300	< 10	0.013	50	980	6,200	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SFCMW-01	04/02/13	99	100	350	2,300	< 10	0.013	50	700	3,549	
SFCJC	SFCMW-01	05/13/13	140	170	570	4,000	< 20	< 20	59	930	5,810	
SFCJC	SFCMW-01	06/25/13	170	230	630	4,700	< 20	< 0.010	61	960	6,690	
SFCJC	SFCMW-01	07/20/13	140	190	620	4,600	< 20	< 20	64	840	6,390	
SFCJC	SFCMW-01	09/18/13	140	180	540	4,300	< 10	< 10	59	900	6,060	
SFCJC	SFCMW-01	11/07/13	130	220	750	5,300	< 10	< 10	74	900	7,300	
SFCJC	SFCMW-01	12/17/13	120	150	600	4,400	< 10	< 0.010	59	740	6,010	
SFCJC	SFCMW-01	01/21/14	100	120	500	3,800	< 10	< 0.010	56	810	5,330	
SFCJC	SFCMW-01	02/10/14	94	120	530	3,600	< 10	< 0.010	55	635	4,979	
SFCJC	SFCMW-01	04/09/14	57	49	290	1,600	< 10	< 0.010	35	405	2,401	
SFCJC	SFCMW-01	07/15/14	54	69	390	2,700	< 10	< 0.010	28	606	3,819	
SFCJC	SFCMW-01	09/25/14	66	82	420	2,900	< 20	< 0.010	40	990	4,458	
SFCJC	SFCMW-01	10/27/15	< 1.0	< 1.0	< 1.0	3.4	< 1.0	< 1.0	< 1.0	143	149	
SFCJC	SFCMW-01	04/05/16	3.2	1.2	1.2	6.9	< 1.0	< 0.010	< 1.0	1,020	1,033	
SFCJC	SFCMW-01	12/15/16	3.8	< 5.0	22	20	< 5.0	< 0.010	< 5.0	540	591	
SFCJC	SFCMW-01	08/15/17	3.6	< 5.0	32	19	< 5.0	< 0.0095	< 5.0	470	530	
SFCJC	SFCMW-01	02/20/18	< 2.5	< 2.5	54	53	< 2.5	< 0.0095	3.7	600	712	
SFCJC	SFCMW-01	08/09/18	< 2.5	< 2.5	51	32	< 2.5	< 0.0094	< 2.5	560	648	
SFCJC	SFCMW-01	02/21/19	< 5.0	< 5.0	95	110	< 5.0	< 0.0094	6.0	540	755	
SFCJC	SFCMW-01	09/23/19	< 2.5	< 5.0	37	15	< 5.0	< 5.0	< 5.0	490	550	
SFCJC	SFCMW-01	08/01/22	< 5.0	< 5.0	44	16	< 5.0	< 5.0	< 5.0	507	577	
SFCJC	SFCMW-01	11/15/22	< 5.0	< 5.0	35	19	< 5.0	< 5.0	< 5.0	376	440	
SFCJC	SFCMW-01	04/05/23	< 5.0	J 1.2	57	16	< 5.0	< 5.0	< 5.0	492	571	
SFCJC	SFCMW-02	03/24/10										NAPL
SFCJC	SFCMW-02	10/06/11	93	< 10	37	170	12	< 0.010	170	195	505	
SFCJC	SFCMW-02	01/05/12	15	< 5.0	9.8	22	12	< 0.010	170	206	258	
SFCJC	SFCMW-02	04/10/12	5.1	2.8	19	76	7.6	< 0.010	100	161	264	
SFCJC	SFCMW-02	07/17/12	< 5.0	< 5.0	< 5.0	8.6	< 5.0	< 0.010	85	1,640	1,664	
SFCJC	SFCMW-02	10/09/12	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	82	67	90	
SFCJC	SFCMW-02	01/08/13	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	80	52	75	
SFCJC	SFCMW-02	04/02/13	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	71	53	76	
SFCJC	SFCMW-02	06/25/13	1.1	1.6	1.0	3.1	3.0	< 0.010	50	47	54	
SFCJC	SFCMW-02	09/18/13	1.0	2.0	< 1.0	3.3	3.8	< 1.0	52	49	56	
SFCJC	SFCMW-02	12/17/13	1.1	< 1.0	< 1.0	< 1.5	2.1	< 0.010	30	71	75	
SFCJC	SFCMW-02	01/21/14	1.2	< 1.0	< 1.0	< 1.5	1.8	< 0.010	27	110	115	
SFCJC	SFCMW-02	02/10/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	24	78	101	
SFCJC	SFCMW-02	04/09/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	16	74	97	
SFCJC	SFCMW-02	07/15/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	12	104	127	
SFCJC	SFCMW-02	09/26/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	15	239	262	
SFCJC	SFCMW-02	10/27/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	167	172	
SFCJC	SFCMW-02	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	960	965	
SFCJC	SFCMW-02	12/15/16	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	< 5.0	829	852	
SFCJC	SFCMW-02	08/15/17	2.6	< 5.0	< 5.0	< 7.5	< 5.0	< 0.0093	< 5.0	411	431	
SFCJC	SFCMW-02	02/20/18	3.4	< 2.5	< 2.5	< 3.8	< 2.5	< 0.0095	< 2.5	349	361	
SFCJC	SFCMW-02	08/09/18	2.4	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0094	< 2.0	391	400	
SFCJC	SFCMW-02	02/21/19	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0095	< 2.0	302	311	
SFCJC	SFCMW-02	10/25/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	367	372	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SFCMW-02	11/15/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
SFCJC	SFCMW-02	04/03/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SFCMW-03	03/24/10										NAPL
SFCJC	SFCMW-03	10/06/11	11	380	210	4,000	< 10	0.045	12	1,390	5,991	
SFCJC	SFCMW-03	01/05/12	< 10	83	48	4,900	< 10	< 0.010	20	2,730	7,771	
SFCJC	SFCMW-03	04/10/12	< 10	51	44	4,500	< 10	< 0.010	18	2,590	7,195	
SFCJC	SFCMW-03	07/17/12	< 10	12	< 10	2,500	< 10	< 0.010	< 10	1,640	4,172	
SFCJC	SFCMW-03	10/09/12	< 10	< 10	< 10	1,800	< 10	< 0.010	< 10	1,160	2,990	
SFCJC	SFCMW-03	01/08/13	< 10	< 10	< 10	1,100	< 10	< 0.010	< 10	920	2,050	
SFCJC	SFCMW-03	04/02/13	< 20	< 20	< 20	710	< 20	< 0.010	< 20	810	1,580	
SFCJC	SFCMW-03	06/25/13	< 10	< 10	< 10	190	< 10	< 0.010	< 10	520	740	
SFCJC	SFCMW-03	09/18/13	7.3	< 5.0	< 5.0	200	< 5.0	< 5.0	< 5.0	540	757	
SFCJC	SFCMW-03	12/17/13	< 5.0	< 5.0	< 5.0	120	< 5.0	< 0.010	< 5.0	600	735	
SFCJC	SFCMW-03	01/21/14	< 5.0	< 5.0	< 5.0	86	< 5.0	< 0.010	< 5.0	760	861	
SFCJC	SFCMW-03	02/10/14	< 10	< 10	< 10	90	< 10	< 0.010	< 10	760	880	
SFCJC	SFCMW-03	04/09/14	< 5.0	< 5.0	< 5.0	61	< 5.0	< 0.010	< 5.0	570	646	
SFCJC	SFCMW-03	07/15/14	2.2	< 1.0	< 1.0	95	< 1.0	< 0.010	1.1	860	959	
SFCJC	SFCMW-03	09/25/14	< 10	< 10	< 10	22	< 10	< 0.010	< 10	1,060	1,112	
SFCJC	SFCMW-03	10/27/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	152	157	
SFCJC	SFCMW-03	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	148	153	
SFCJC	SFCMW-03	12/15/16	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	< 5.0	680	703	
SFCJC	SFCMW-03	08/15/17	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.0094	< 5.0	360	383	
SFCJC	SFCMW-03	02/20/18	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0095	< 2.0	292	301	
SFCJC	SFCMW-03	08/09/18	2.9	< 1.0	< 1.0	< 1.5	< 2.0	< 0.0093	< 1.0	204	210	
SFCJC	SFCMW-03	02/20/19	1.6	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	147	152	
SFCJC	SFCMW-03	10/25/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	188	193	
SFCJC	SFCMW-03	08/02/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	10	15	
SFCJC	SFCMW-03	11/15/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
SFCJC	SFCMW-03	04/03/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SFCMW-04	03/24/10										NAPL
SFCJC	SFCMW-04	10/04/11										Destroyed
SFCJC	SFCMW-05	03/24/10										NAPL
SFCJC	SFCMW-05	10/04/11										Destroyed
SFCJC	SFCMW-06	03/24/10										NAPL
SFCJC	SFCMW-06	10/06/11	16	1.7	< 1.0	5.4	< 1.0	0.075	2.6	< 10	34	
SFCJC	SFCMW-06	01/05/12	53	3.0	< 1.0	5.0	< 1.0	0.056	5.6	35	97	
SFCJC	SFCMW-06	04/10/12	440	5.1	2.7	8.3	3.7	0.061	19	95	551	
SFCJC	SFCMW-06	07/17/12	710	9.2	22	20	4.5	0.19	52	88	849	
SFCJC	SFCMW-06	10/10/12	1,800	< 10	66	< 15	< 10	0.14	140	29	1,920	
SFCJC	SFCMW-06	01/08/13	1,300	6.7	35	9.8	7.1	0.084	130	50	1,402	
SFCJC	SFCMW-06	04/02/13	400	5.5	15	< 7.5	< 5.0	0.081	58	45	473	
SFCJC	SFCMW-06	06/25/13	270	5.1	13	< 7.5	< 5.0	0.091	39	12	308	
SFCJC	SFCMW-06	09/18/13	70	2.9	< 1.0	7.1	< 1.0	< 1.0	9.2	60	141	
SFCJC	SFCMW-06	12/17/13	7.1	< 1.0	5.4	94	< 1.0	0.54	< 1.0	59	167	
SFCJC	SFCMW-06	01/21/14	4.6	< 1.0	5.1	99	< 1.0	0.51	< 1.0	90	200	
SFCJC	SFCMW-06	02/10/14	5.1	< 1.0	5.3	130	< 1.0	0.51	< 1.0	94	235	
SFCJC	SFCMW-06	04/08/14	5.9	< 1.0	3.0	120	< 1.0	0.34	< 1.0	104	234	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SFCMW-06	07/17/14	< 1.0	< 1.0	< 1.0	54	< 1.0	0.061	< 1.0	60	117	
SFCJC	SFCMW-06	09/26/14	2.2	< 1.0	< 1.0	27	< 1.0	0.10	< 1.0	570	601	
SFCJC	SFCMW-06	10/27/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SFCMW-06	04/04/16	11	3.8	1.6	30	< 1.0	0.36	2.1	182	228	
SFCJC	SFCMW-06	12/15/16	5.5	1.6	1.0	7.6	< 1.0	0.055	< 1.0	100	116	
SFCJC	SFCMW-06	08/15/17	6.1	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	9.4	19	
SFCJC	SFCMW-06	02/20/18	4.9	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	6.2	15	
SFCJC	SFCMW-06	08/08/18	5.7	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	4.6	14	
SFCJC	SFCMW-06	02/21/19	2.1	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	16	
SFCJC	SFCMW-08	03/26/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	01/05/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	07/17/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	01/08/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 2.0	7.0	
SFCJC	SFCMW-08	04/02/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	01/20/14	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	07/16/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	SFCMW-10	03/24/10										NAPL
SFCJC	SFCMW-10	10/06/11	1,400	1,700	120	2,100	< 50	1.8	< 50	100	5,420	
SFCJC	SFCMW-10	01/05/12	4,500	1,500	1,100	6,300	< 5.0	0.78	6.4	374	13,774	
SFCJC	SFCMW-10	04/10/12	1,900	170	68	600	17	0.26	12	137	2,875	
SFCJC	SFCMW-10	07/18/12	1,800	94	64	270	< 50	0.21	< 50	110	2,338	
SFCJC	SFCMW-10	10/10/12	230	8.0	12	25	2.8	0.10	2.3	44	319	
SFCJC	SFCMW-10	11/20/12	1,400	120	25	150	12	< 1.0	13	220	1,915	
SFCJC	SFCMW-10	12/28/12	200	61	6.1	72	< 5.0	< 5.0	< 5.0	89	428	
SFCJC	SFCMW-10	01/08/13	130	61	5.5	61	2.6	0.52	2.6	114	372	
SFCJC	SFCMW-10	02/16/13	200	150	21	190	3.0	< 1.0	3.0	341	902	
SFCJC	SFCMW-10	04/02/13	220	750	65	490	< 10	2.2	< 10	459	1,984	
SFCJC	SFCMW-10	05/13/13	300	1,300	120	750	< 10	< 10	< 10	628	3,098	
SFCJC	SFCMW-10	06/25/13	340	1,700	130	850	< 10	1.3	< 10	733	3,753	
SFCJC	SFCMW-10	07/20/13	300	1,700	150	860	< 10	< 10	< 10	730	3,740	
SFCJC	SFCMW-10	09/19/13	240	390	62	340	< 10	< 10	< 10	386	1,418	
SFCJC	SFCMW-10	11/07/13	100	260	33	210	< 10	< 10	< 10	170	773	
SFCJC	SFCMW-10	12/17/13	120	450	51	320	< 10	1.0	< 10	357	1,298	
SFCJC	SFCMW-10	01/21/14	210	890	100	560	< 10	1.3	< 10	567	2,327	
SFCJC	SFCMW-10	02/10/14	200	1,200	110	650	< 10	1.5	< 10	409	2,569	
SFCJC	SFCMW-10	04/09/14	260	1,700	200	1,000	< 10	2.2	< 10	505	3,665	
SFCJC	SFCMW-10	07/15/14	120	380	52	240	< 10	0.57	< 10	258	1,050	
SFCJC	SFCMW-10	09/25/14	240	1,300	170	820	< 10	1.3	< 10	910	3,440	
SFCJC	SFCMW-10	10/27/15	29	85	< 10	31	< 10	< 10	< 10	1,640	1,795	
SFCJC	SFCMW-10	04/05/16	7.8	32	6.7	71	< 5.0	0.033	< 5.0	3,470	3,588	
SFCJC	SFCMW-10	12/15/16	22	29	< 10	170	< 10	0.069	< 10	4,600	4,831	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SFCMW-10	08/15/17	65	20	< 20	180	< 20	0.17	< 10	4,500	4,785	
SFCJC	SFCMW-10	02/20/18	72	13	15	350	< 10	0.21	< 10	4,700	5,150	
SFCJC	SFCMW-10	08/08/18	23	< 10	< 10	45	< 10	0.061	< 10	4,200	4,288	
SFCJC	SFCMW-10	02/21/19	48	< 10	< 10	48	< 10	0.078	< 10	2,450	2,566	
SFCJC	SFCMW-10	09/23/19	83	< 10	< 10	62	< 10	< 10	< 10	3,010	3,175	
SFCJC	SFCMW-10	08/01/22	21	< 10	< 10	< 15	< 10	< 10	< 10	1,359	1,415	
SFCJC	SFCMW-10	11/16/22	19	< 10	< 10	25	< 10	< 10	< 10	2,810	2,874	
SFCJC	SFCMW-10	04/05/23	14	< 10	< 10	20	< 10	< 10	< 10	4,170	4,224	
SFCJC	SVE-1	07/18/09	390	6,600	2,500	12,000	< 20	0.051	< 20	1,170	22,660	
SFCJC	SVE-1	03/24/10										NAPL
SFCJC	SVE-1	10/04/11	150	1,600	500	8,700	< 50	0.43	< 50	220	11,170	
SFCJC	SVE-1	01/05/12	< 10	130	330	3,400	< 10	0.037	< 10	870	4,740	
SFCJC	SVE-1	04/10/12	< 10	28	150	2,400	< 10	< 0.010	< 10	1,090	3,678	
SFCJC	SVE-1	07/19/12	< 10	15	160	1,800	< 10	< 0.010	< 10	720	2,705	
SFCJC	SVE-1	10/10/12	< 10	< 10	90	930	< 10	< 0.010	< 10	530	1,570	
SFCJC	SVE-1	11/20/12	< 10	13	92	910	< 10	< 10	10	510	1,535	
SFCJC	SVE-1	12/28/12	< 10	< 10	13	440	< 10	< 10	< 10	62	535	
SFCJC	SVE-1	01/09/13	< 10	< 10	< 10	120	< 10	< 0.010	< 10	21	171	
SFCJC	SVE-1	02/16/13	< 10	< 10	< 10	290	< 10	< 10	< 10	46	366	
SFCJC	SVE-1	04/03/13	< 5.0	< 5.0	< 5.0	22	< 5.0	< 0.010	< 5.0	< 50	87	
SFCJC	SVE-1	05/13/13	< 2.0	< 2.0	< 2.0	12	< 2.0	< 2.0	< 2.0	< 20	38	
SFCJC	SVE-1	06/26/13	< 2.0	< 2.0	< 2.0	66	< 2.0	< 0.010	< 2.0	7.6	80	
SFCJC	SVE-1	07/20/13	< 1.0	< 1.0	< 1.0	16	< 1.0	< 2.0	< 1.0	2.7	22	
SFCJC	SVE-1	09/19/13	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 20	29	
SFCJC	SVE-1	11/07/13	< 2.0	< 2.0	< 2.0	16	< 2.0	< 2.0	< 2.0	< 20	42	
SFCJC	SVE-1	12/17/13	< 10	< 10	< 10	360	< 10	< 0.010	< 10	89	479	
SFCJC	SVE-1	01/21/14	< 2.0	3.1	2.9	200	< 2.0	< 0.010	< 2.0	133	341	
SFCJC	SVE-1	02/12/14	< 10	< 10	< 10	170	< 10	< 0.010	< 10	82	282	
SFCJC	SVE-1	04/08/14	< 2.0	< 2.0	< 2.0	31	< 2.0	< 0.010	< 2.0	< 20	57	
SFCJC	SVE-1	07/18/14	< 2.0	< 2.0	< 2.0	93	< 2.0	< 0.010	< 2.0	109	208	
SFCJC	SVE-1	09/26/14	< 10	< 10	< 10	47	< 10	< 0.010	< 10	234	311	
SFCJC	SVE-1	10/27/15	2.0	2.6	1.3	6.3	< 1.0	< 1.0	< 1.0	20	33	
SFCJC	SVE-1	04/04/16	1.5	< 1.0	4.1	5.2	< 1.0	< 1.0	< 1.0	23	35	
SFCJC	SVE-1	12/14/16	1.1	< 1.0	< 1.0	3.7	< 1.0	< 0.010	< 1.0	9.6	16	
SFCJC	SVE-1	08/14/17	< 1.0	< 1.0	2.4	27	< 1.0	< 0.0093	< 1.0	42	73	
SFCJC	SVE-1	02/21/18	< 1.0	< 1.0	< 1.0	8.3	< 1.0	< 0.010	< 1.0	12	23	
SFCJC	SVE-1	08/09/18	< 1.0	< 1.0	1.4	20	< 1.0	< 0.0095	< 1.0	43	66	
SFCJC	SVE-1	02/22/19	< 2.0	< 2.0	< 2.0	15	< 2.0	< 0.0094	< 2.0	55	76	
SFCJC	SVE-1	09/23/19	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 8.0	17	
SFCJC	SVE-1	08/01/22	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	13	22	
SFCJC	SVE-1	11/17/22	< 1.0	< 1.0	< 1.0	1.6	< 1.0	< 1.0	< 1.0	11	15	
SFCJC	SVE-1	04/05/23	< 1.0	< 1.0	0.4	3.8	< 1.0	< 1.0	< 1.0	19	25	
SFCJC	SVE-11D	12/06/10	4,300	1,800	830	1,200	36	0.028	150	262	8,392	
SFCJC	SVE-11D	03/11/11	3,100	68	150	130	97	< 0.010	250	110	3,558	
SFCJC	SVE-11D	06/15/11	3,500	230	190	280	< 10	0.058	280	130	4,330	
SFCJC	SVE-11D	10/04/11	2,400	100	45	600	< 10	0.28	160	433	3,578	
SFCJC	SVE-11D	01/05/12	1,100	110	29	660	29	0.61	72	650	2,549	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SVE-11D	04/11/12	3,900	13	110	55	110	0.025	240	< 100	4,178	
SFCJC	SVE-11D	07/18/12	17	< 1.0	< 1.0	< 1.5	1.3	0.017	2.9	< 10	31	
SFCJC	SVE-11D	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-11D	11/20/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 15	20	
SFCJC	SVE-11D	12/28/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SVE-11D	01/10/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-11D	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-11D	12/15/16	< 1.0	< 1.0	4.1	3.8	< 1.0	< 0.010	< 1.0	32	42	
SFCJC	SVE-11D	02/21/18	< 1.0	< 1.0	< 1.0	6.1	< 1.0	< 0.0095	< 1.0	201	210	
SFCJC	SVE-11D	09/23/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
SFCJC	SVE-11D	08/01/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
SFCJC	SVE-11D	11/16/22	< 1.0	< 1.0	1.1	2.2	< 1.0	< 1.0	< 1.0	27	33	
SFCJC	SVE-11D	04/05/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	J 4.6	9.1	
SFCJC	SVE-2	03/26/10	470	250	34	170	< 1.0	0.25	1.6	22	946	
SFCJC	SVE-2	01/05/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-2	04/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-2	07/19/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	5.6	10	
SFCJC	SVE-2	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	19	24	
SFCJC	SVE-2	01/09/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.038	< 1.0	24	29	
SFCJC	SVE-2	04/03/13	3.4	< 1.0	< 1.0	< 1.5	< 1.0	< 0.087	< 1.0	34	41	
SFCJC	SVE-2	06/26/13	8.9	< 2.0	< 2.0	< 3.0	< 2.0	0.13	< 2.0	9.2	25	
SFCJC	SVE-2	09/19/13	11	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	9.0	27	
SFCJC	SVE-2	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.27	< 1.0	< 10	15	
SFCJC	SVE-2	01/21/14	1.6	< 1.0	< 1.0	< 1.5	< 1.0	0.25	< 1.0	4.4	9.5	
SFCJC	SVE-2	02/12/14	6.4	1.2	< 1.0	< 1.5	< 1.0	0.88	< 1.0	32	42	
SFCJC	SVE-2	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.028	< 1.0	< 10	15	
SFCJC	SVE-2	07/18/14	10	< 2.0	< 2.0	13	< 2.0	0.82	< 2.0	28	55	
SFCJC	SVE-2	09/25/14	6.9	< 1.0	< 1.0	5.7	< 1.0	0.50	< 1.0	45	60	
SFCJC	SVE-2	10/27/15	3.7	17	3.3	68	< 1.0	< 1.0	< 1.0	178	270	
SFCJC	SVE-2	04/04/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SVE-2	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-2	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	< 1.0	< 10	15	
SFCJC	SVE-2	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0096	< 1.0	< 10	15	
SFCJC	SVE-2	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	SVE-2	02/22/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	SVE-3	03/24/10										NAPL
SFCJC	SVE-3	10/04/11	650	21,000	9,900	63,000	< 200	14	< 200	6,500	101,050	
SFCJC	SVE-3	01/05/12	600	12,000	4,100	24,000	< 200	9.2	< 200	4,220	44,920	
SFCJC	SVE-3	04/11/12	350	9,300	2,900	19,000	< 200	4.1	< 200	1,500	33,050	
SFCJC	SVE-3	07/19/12	1,000	19,000	3,200	20,000	< 100	4.3	< 100	1,640	44,840	
SFCJC	SVE-3	10/11/12	960	19,000	3,800	27,000	< 100	1 #N/A	< 100	2,750	53,510	
SFCJC	SVE-3	11/21/12	880	12,000	3,200	22,000	< 100	< 100	< 100	1,300	39,380	
SFCJC	SVE-3	12/28/12	590	14,000	2,900	20,000	< 50	< 50	< 50	1,150	38,640	
SFCJC	SVE-3	01/10/13	290	7,100	1,700	11,000	< 50	2.6	< 50	1,200	21,290	
SFCJC	SVE-3	02/16/13	320	8,100	1,700	12,000	< 50	< 50	< 50	1,840	23,960	
SFCJC	SVE-3	04/03/13	390	10,000	2,300	14,000	< 50	2.4	< 50	1,020	27,710	
SFCJC	SVE-3	05/13/13	210	7,300	2,000	13,000	< 50	< 50	< 50	770	23,280	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SVE-3	06/26/13	340	9,900	2,400	16,000	< 50	2.8	< 50	960	29,600	
SFCJC	SVE-3	07/20/13	300	10,000	2,600	20,000	< 50	< 50	< 50	3,020	35,920	
SFCJC	SVE-3	09/19/13	190	6,000	1,500	10,000	< 50	< 50	< 50	810	18,500	
SFCJC	SVE-3	10/11/13	60	2,000	700	6,100	< 50	< 50	< 50	1,050	9,910	
SFCJC	SVE-3	11/07/13	250	6,500	1,500	12,000	< 50	< 50	< 50	1,720	21,970	
SFCJC	SVE-3	12/17/13	100	3,100	1,100	9,900	< 50	2.1	< 50	1,640	15,840	
SFCJC	SVE-3	01/21/14	130	4,700	1,400	11,000	< 10	2.0	< 10	1,350	18,580	
SFCJC	SVE-3	02/12/14	120	5,900	1,800	13,000	< 50	2.1	< 50	1,550	22,370	
SFCJC	SVE-3	04/08/14	140	5,000	1,400	10,000	< 50	1.5	< 50	660	17,200	
SFCJC	SVE-3	07/18/14	120	3,500	1,100	8,800	< 50	1.9	< 50	1,090	14,610	
SFCJC	SVE-3	09/26/14	110	3,600	1,100	9,300	< 50	1.9	< 50	1,740	15,850	
SFCJC	SVE-3	10/27/15	< 1.0	< 1.0	< 1.0	9.5	< 1.0	< 1.0	< 1.0	57	70	
SFCJC	SVE-3	04/04/16	14	77	190	3,000	< 1.0	< 1.0	< 1.0	1,110	4,391	
SFCJC	SVE-3	12/15/16	7.1	24	54	1,200	< 10	0.017	< 10	1,040	2,325	
SFCJC	SVE-3	08/15/17	35	100	150	1,300	< 5.0	0.076	< 5.0	980	2,565	
SFCJC	SVE-3	02/21/18	30	110	240	2,200	< 5.0	0.047	< 5.0	720	3,300	
SFCJC	SVE-3	08/10/18	12	40	120	1,100	< 5.0	0.015	< 5.0	640	1,912	
SFCJC	SVE-3	02/22/19	5.8	35	110	620	< 10	< 0.0094	< 10	840	1,611	
SFCJC	SVE-3	09/25/19	20	81	200	1,500	< 10	< 10	< 10	730	2,531	
SFCJC	SVE-3	08/01/22	48	87	420	1,100	< 10	< 10	< 10	750	2,405	
SFCJC	SVE-3	11/16/22	53	180	580	2,600	< 10	< 10	< 10	607	4,020	
SFCJC	SVE-3	04/05/23	< 10	10	78	340	< 10	< 10	< 10	810	1,248	
SFCJC	SVE-5	03/24/10										NAPL
SFCJC	SVE-5	10/05/11	110	1,900	1,400	8,400	< 100	< 0.010	100	380	12,190	
SFCJC	SVE-5	01/04/12	570	180	190	1,300	57	< 0.010	290	570	2,810	
SFCJC	SVE-5	04/11/12	200	64	49	250	41	< 0.010	200	190	753	
SFCJC	SVE-5	07/18/12	36	15	< 5.0	49	48	< 0.010	190	14	119	
SFCJC	SVE-5	10/10/12	17	9.6	8.2	26	33	< 0.010	140	< 50	111	
SFCJC	SVE-5	01/09/13	11	12	10	39	23	< 0.010	92	25	97	
SFCJC	SVE-5	04/03/13	14	22	23	86	24	< 0.010	85	46	191	
SFCJC	SVE-5	06/26/13	9.5	9.4	11	35	20	< 0.010	77	24	89	
SFCJC	SVE-5	07/18/13	< 2.0	< 2.0	< 2.0	29	< 2.0	0.025	< 2.0	< 20	55	
SFCJC	SVE-5	09/19/13	7.8	2.2	9.0	25	22	< 2.0	85	45	89	
SFCJC	SVE-5	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	3.2	< 0.010	7.9	< 10	15	
SFCJC	SVE-5	01/21/14	< 2.0	< 2.0	< 2.0	6.7	< 2.0	0.051	3.6	< 20	33	
SFCJC	SVE-5	02/12/14	< 1.0	< 1.0	< 1.0	39	< 1.0	0.073	3.1	3.5	46	
SFCJC	SVE-5	04/08/14	< 1.0	< 1.0	< 1.0	5.3	< 1.0	0.011	< 1.0	< 10	18	
SFCJC	SVE-5	12/14/16	1.0	1.2	23	260	< 1.0	< 0.010	< 1.0	1,230	1,515	
SFCJC	SVE-5	02/21/18	< 1.0	< 1.0	12	120	< 1.0	< 0.0094	< 1.0	384	518	
SFCJC	SVE-6	02/16/13	< 10	< 10	21	210	< 10	< 10	28	1,190	1,441	
SFCJC	SVE-6	05/13/13	< 10	< 10	25	81	< 10	< 10	32	660	786	
SFCJC	SVE-6	07/20/13	< 10	< 10	< 10	44	< 10	< 10	36	46	120	
SFCJC	SVE-6	11/07/13	< 1.0	< 1.0	2.2	17	2.9	< 1.0	27	49	70	
SFCJC	SVE-6	07/15/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.8	< 10	15	
SFCJC	SVE-6	12/16/16	< 1.0	1.3	30	17	< 1.0	< 0.010	< 1.0	420	469	
SFCJC	SVE-6	02/21/18	< 2.0	< 2.0	92	19	< 2.0	0.016	< 2.0	400	515	
SFCJC	SVE-7	02/16/13	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 20	29	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SVE-7	12/16/16	< 1.0	< 1.0	3.7	< 1.5	< 1.0	< 0.010	< 1.0	**190**	197	
SFCJC	TMW-06	07/18/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	01/09/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 2.0	7.0	
SFCJC	TMW-06	04/03/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	01/21/14	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	07/16/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06D	07/17/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	**5.4**	< 10.0	15	
SFCJC	TMW-06D	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	**6.4**	< 10	15	
SFCJC	TMW-06D	01/08/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	**7.0**	< 2.0	7.0	
SFCJC	TMW-06D	04/03/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	**6.6**	< 10	15	
SFCJC	TMW-06D	01/21/14	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	**6.9**	< 10.0	15	
SFCJC	TMW-06D	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	**6.0**	< 10	15	
SFCJC	TMW-06D	07/16/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	**6.4**	< 10	15	
SFCJC	TMW-06D	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.2	< 10	15	
SFCJC	TMW-06D	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	

Notes:

All concentrations reported in micrograms per liter (µg/L).

Bold Red *values indicates concentration that exceeds the New Mexico Water Quality Control Commission (NMWQCC) standard for groundwater*

BTEX, MTBE, EDC analyzed in accordance with EPA method 8260B.

EDB = 1,2-Dibromoethane

EDB analyzed in accordance with EPA method 8260 or 504.1.

EDC = 1,2-Dichloroethane

J = estimated concentation between the method detection limit and reported limit

MTBE = Methyl tertiary-butyl ether

NAPL = Nonaqueous-phase liquid

Total naphthalenes analyzed in accordance with EPA methos 8260B or 8310.

Figures and Drawings

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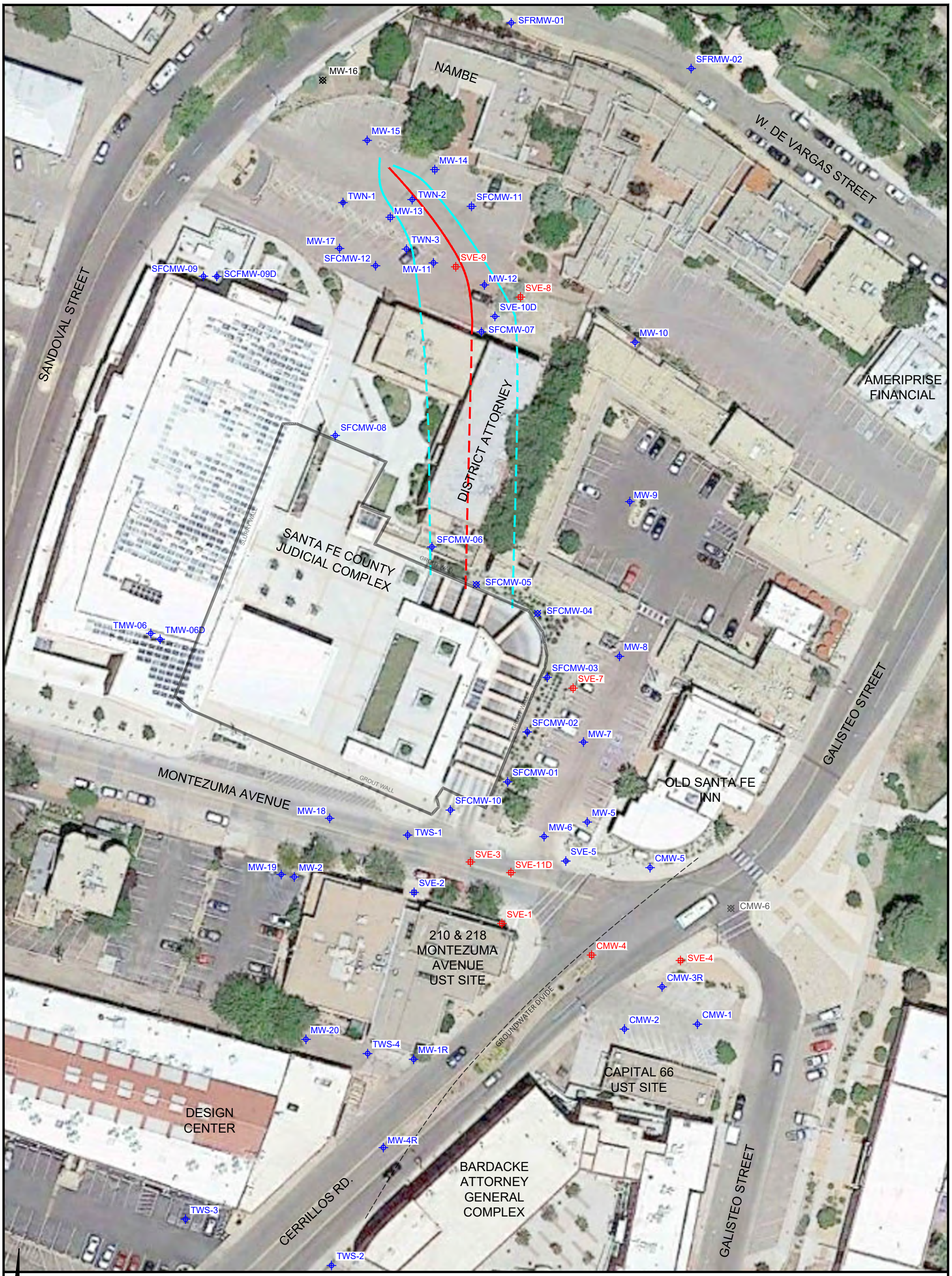

LEGEND:

- MONITORING WELL
- DESTROYED MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- HORIZONTAL SVE WELL
- HORIZONTAL HOT AIR INJECTION WELL

SOURCE: SOUDER, MILLER & ASSOCIATES. 2018 AUGUST.

60 30 0 60

SCALE IN FEET

SANTA FE COUNTY JUDICIAL COMPLEX
SANTA FE, NEW MEXICO

FIGURE 1
SITE LAYOUT

PROJECT #:	6347006	PROJECT PHASE:	02	PROJECT MANAGER:	MM

320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC

A
NORTH

A'
SOUTH

ELEVATION, FEET AMSL

6,985
6,980
6,975
6,970
6,965
6,960
6,955
6,950
6,945
6,940
6,935

MW-15 | MW-14 | TWN-2 | SFMW-11 MW-13 | TWN-3 | SVE-9 | SFCMW-07 | SFMW-08 | DPB-04 | DPB-05/TMW-03 | DPB-06 | DPB-07/TMW-01 | SFCMW-10 | TWS-1 MW-5 | MW-6 | SVE-3 | MW-3/SVE-1

GW - GRAVEL WITH SAND
SM/GW - SILTY SAND WITH COBBLES
SM - SILTY SAND
SP - POORLY GRADED SAND
UNDERGROUND PARKING GARAGE
GW GRAVEL WITH SAND
SW SAND WITH GRAVEL
SW/GW FINE SAND AND GRAVEL
SM
SC

AUGUST 2018 WATER LEVEL
JUNE 2011 DEWATERING WATER LEVEL

PID ABOVE 100 AFTER SYSTEM DEWATERING

TARGET REMEDIATION SATURATED ZONE BASED ON HISTORICAL 100 PPMV PID LEVELS

PID ABOVE 100 AFTER SYSTEM DEWATERING

HISTORICAL 100 PPMV PID LEVEL EXTENT IN VADOSE ZONE. BASED ON DPE PILOT TEST DATA, VADOSE ZONE HAS BEEN CLEANED UP BY SOIL VAPOR EXTRACTION

0 30 60 90 120 150 180 210 240 270 300 330 360 390 420 450 480 510 540

TWN-2 ← SOIL BORING ID AND/OR MONITORING WELL ID
133.6 ← PID READING, PPMV
SOIL BORING AND/OR MONITORING WELL
STATIC GROUNDWATER LEVEL
WELL SCREEN

0.9 BELOW 100 PPMV
704 ABOVE 100 PPMV
1,829 ABOVE 100 PPMV AFTER DE-WATERING
PPMV = PARTS PER MILLION BY VOLUME

10 5 0 10
VERTICAL SCALE IN FEET

40 20 0 40
HORIZONTAL SCALE IN FEET

SOURCE: DBS&A

SANTA FE COUNTY JUDICIAL COMPLEX
SANTA FE, NEW MEXICO

FIGURE 2
GEOLOGIC CROSS-SECTION A-A'

PROJECT #:	6347001	PROJECT PHASE:	02	PROJECT MANAGER:	MM

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC
320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax:(505) 224-9016

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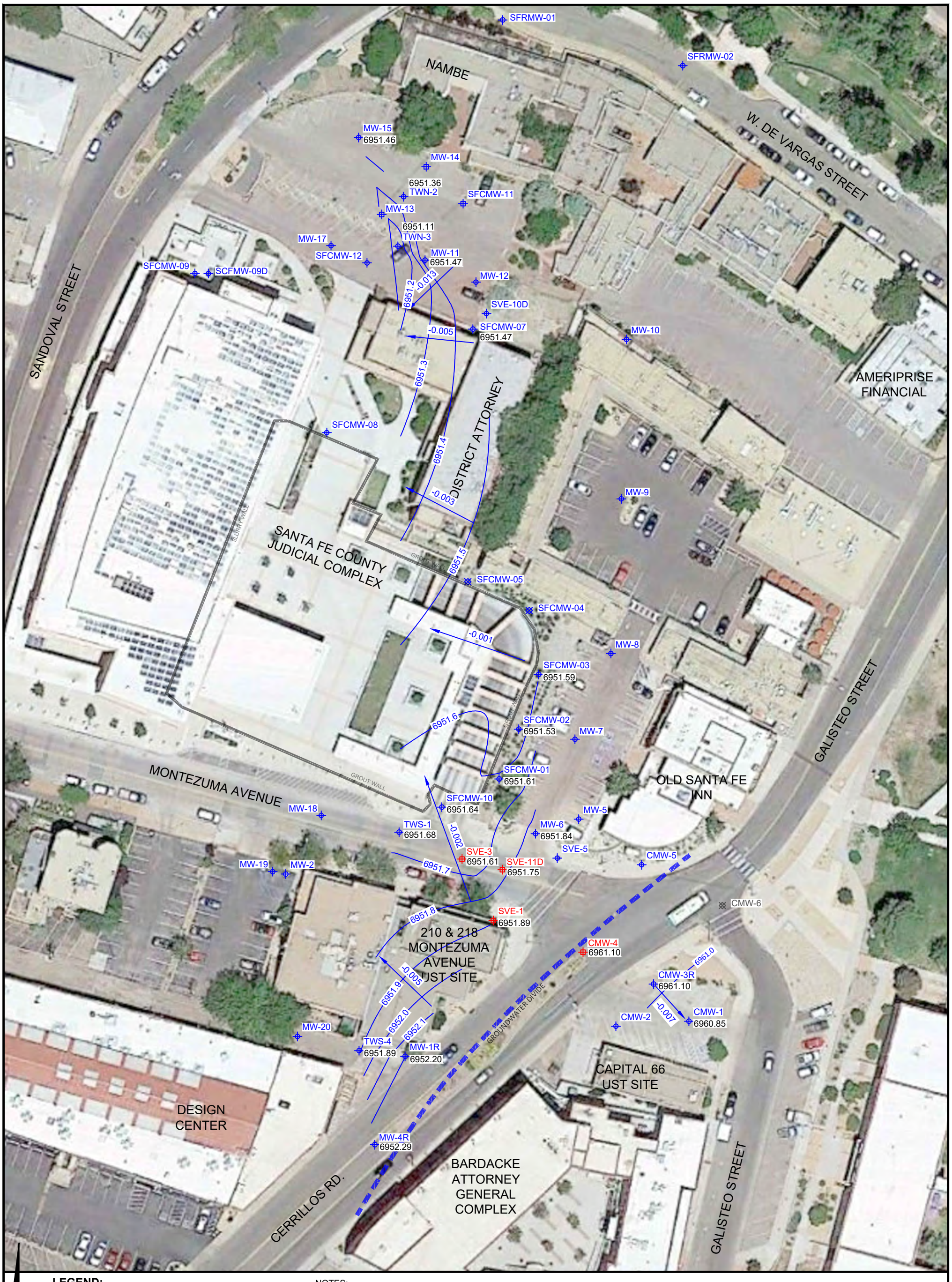

LEGEND:

- MONITORING WELL
- DESTROYED MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 6951.85 GROUNDWATER CONTOUR, FEET AMSL

NOTES:

6951.85 POTENTIOMETRIC SURFACE ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL (AMSL)

SOURCE: SOUDER, MILLER & ASSOCIATES. 2018 AUGUST.

60 30 0 60

SCALE IN FEET

SANTA FE COUNTY JUDICIAL COMPLEX
SANTA FE, NEW MEXICO

FIGURE 3
POTENTIOMETRIC SUFACE MAP
APRIL 3, 2023

PROJECT #:	6347006	PROJECT PHASE:	02	PROJECT MANAGER:	MM

320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC

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MW-15	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	<0.0093
EDC	**18**
TOTAL NAPH	<10

TWN-2	
PETROFIX IN THE WELL	

TWN-3	
PETROFIX IN THE WELL	

MW-11	
PETROFIX IN THE WELL	

SFCMW-07	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	0.023
EDC	1.2
TOTAL NAPH	<10

SFCMW-03	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	**<1.0**
EDC	<1.0
TOTAL NAPH	<10

SFCMW-10	
BENZENE	**14**
BTEX	34
MTBE	<10
EDB	**<10**
EDC	**<10**
TOTAL NAPH	**4,170**

SFCMW-01	
BENZENE	<5.0
BTEX	74
MTBE	<5.0
EDB	**<5.0**
EDC	<5.0
TOTAL NAPH	**492**

SFCMW-02	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	**<1.0**
EDC	<1.0
TOTAL NAPH	<10

TWS-1	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	**<1.0**
EDC	<1.0
TOTAL NAPH	3.0J

MW-6	
BENZENE	**<10**
BTEX	1,031
MTBE	<10
EDB	**<10**
EDC	**<10**
TOTAL NAPH	**317**

SVE-3	
BENZENE	**<10**
BTEX	438
MTBE	<10
EDB	**<10**
EDC	**<10**
TOTAL NAPH	**810**

SVE-1	
BENZENE	<1.0
BTEX	6.8
MTBE	<1.0
EDB	<1.0
EDC	<1.0
TOTAL NAPH	15

SVE-11D	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	**<1.0**
EDC	<1.0
TOTAL NAPH	4.6J

CMW-4	
BENZENE	<5.0
BTEX	29.5
MTBE	<5.0
EDB	**<0.094**
EDC	<5.0
TOTAL NAPH	**<50**

TWS-4	
BENZENE	**23**
BTEX	398
MTBE	<10
EDB	**<0.094**
EDC	**<10**
TOTAL NAPH	**73J**

MW-1R	
BENZENE	**230**
BTEX	5,750
MTBE	<10
EDB	**<0.093**
EDC	**<10**
TOTAL NAPH	**408**

CMW-3R	
BENZENE	**160**
BTEX	978
MTBE	<1.0
EDB	**<20**
EDC	**12**
TOTAL NAPH	**230**

CMW-1	
BENZENE	**810**
BTEX	1,019
MTBE	<1.0
EDB	0.018
EDC	**12**
TOTAL NAPH	**37**

MW-4R	
BENZENE	1.9
BTEX	104
MTBE	<1.0
EDB	**<0.093**
EDC	<1.0
TOTAL NAPH	19.7

LEGEND:

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 5 µg/L — BENZENE CONTOUR
- 30 µg/L — TOTAL NAPHTHALENES CONTOUR
- 0.05 µg/L — EDB CONTOUR
- 5 µg/L — EDC CONTOUR

NOTES:

ALL CONCENTRATIONS ARE REPORTED IN MICROGRAMS (µg/L)

BOLD INDICATES CONCENTRATION ABOVE THE NEW MEXICO WATER QUALITY CONTROL COMMISSION (NMWQCC) STANDARD

J ESTIMATED CONCENTRATION BETWEEN METHOD DETECTION AND LABORATORY REPORTING LIMITS

BTEX	BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
MTBE	METHYL TERTIARY-BUTYL ETHER
EDB	ETHYLENE DIBROMIDE
EDC	ETHYLENE DICHLORIDE
TOTAL NAPH	TOTAL NAPHTHALENES

60 30 0 60

SCALE IN FEET

SANTA FE COUNTY JUDICIAL COMPLEX
SANTA FE, NEW MEXICO

FIGURE 4
DISTRIBUTION OF DISSOLVED PHASE HYDROCARBONS
APRIL 2023

PROJECT #:	6347006	PROJECT PHASE:	02	PROJECT MANAGER:	MM

320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC

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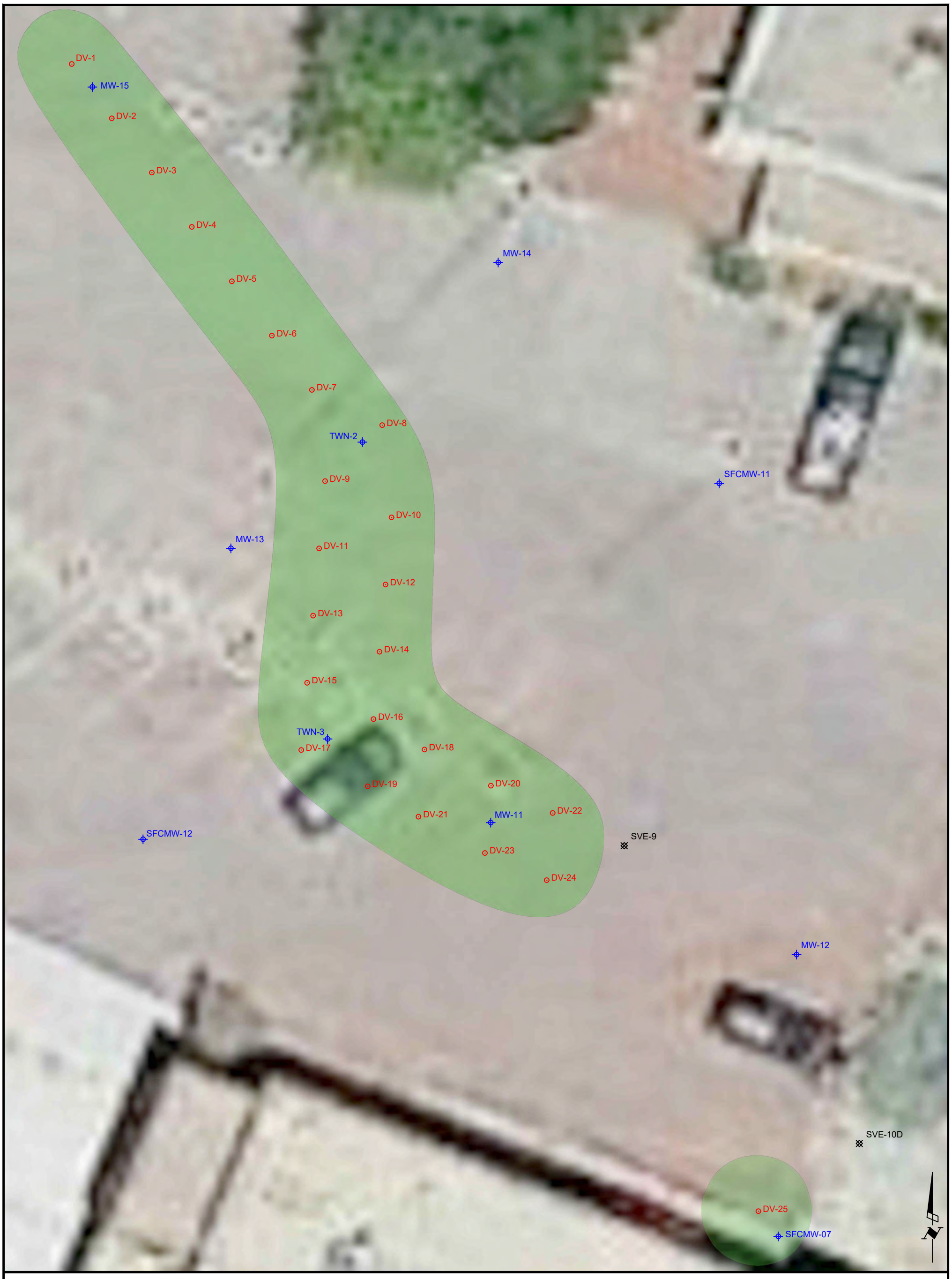

10 5 0 10

SCALE IN FEET

MONITORING WELL

SOIL VAPOR EXTRACTION WELL

DV-1 INJECTION WELL

TARGET TREATMENT AREA

SANTA FE COUNTY JUDICIAL COMPLEX
SANTA FE, NEW MEXICO

DRAWING C-1 - DE VARGAS PLUME INJECTION WELL LAYOUT

PROJECT #:	6347005	PROJECT PHASE:	01	PROJECT MANAGER:	MM

320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC

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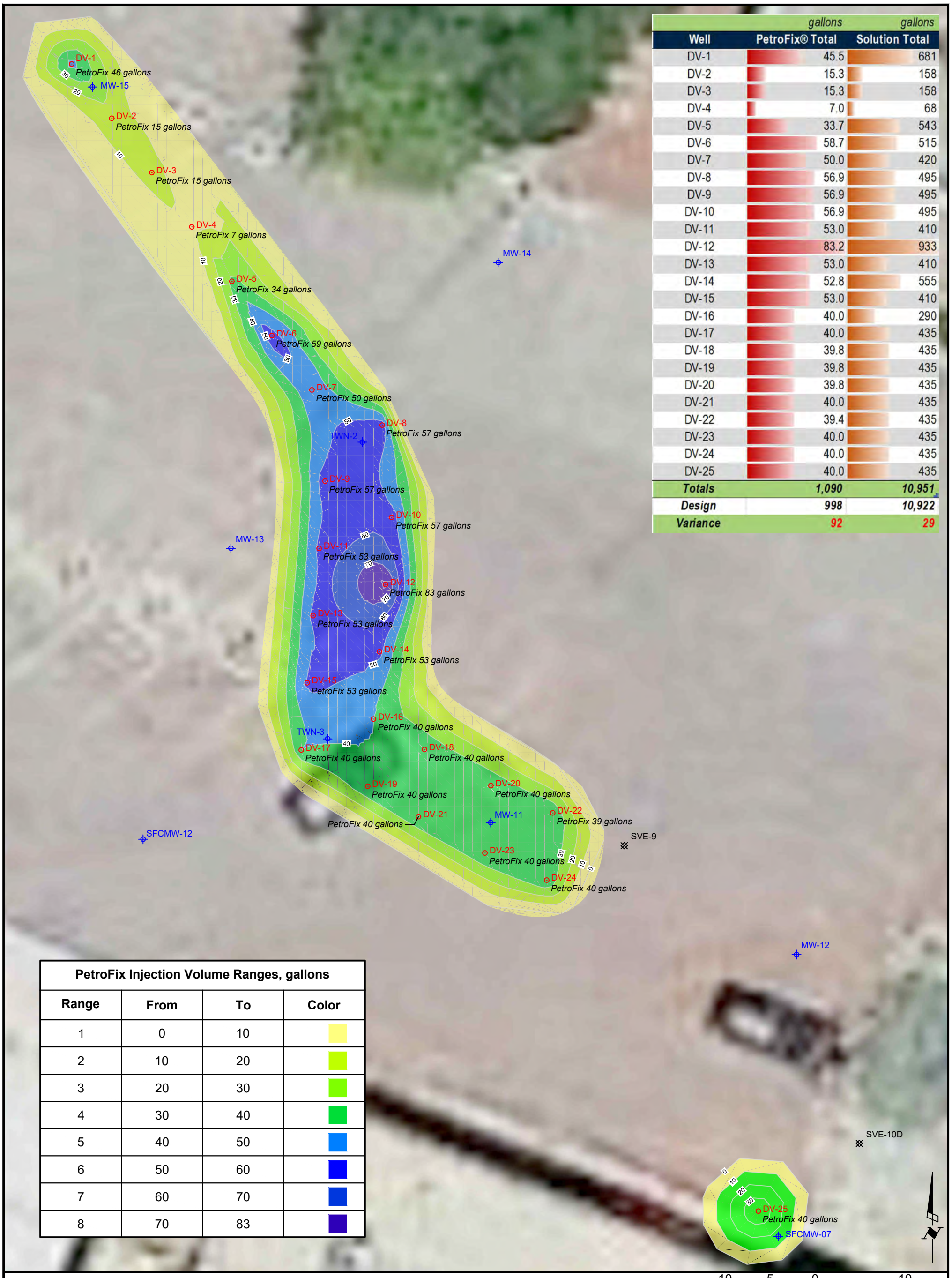

	gallons	gallons
Well	PetroFix® Total	Solution Total
DV-1	45.5	681
DV-2	15.3	158
DV-3	15.3	158
DV-4	7.0	68
DV-5	33.7	543
DV-6	58.7	515
DV-7	50.0	420
DV-8	56.9	495
DV-9	56.9	495
DV-10	56.9	495
DV-11	53.0	410
DV-12	83.2	933
DV-13	53.0	410
DV-14	52.8	555
DV-15	53.0	410
DV-16	40.0	290
DV-17	40.0	435
DV-18	39.8	435
DV-19	39.8	435
DV-20	39.8	435
DV-21	40.0	435
DV-22	39.4	435
DV-23	40.0	435
DV-24	40.0	435
DV-25	40.0	435
Totals	**1,090**	**10,951**
Design	**998**	**10,922**
Variance	**92**	**29**

PetroFix Injection Volume Ranges, gallons			
Range	From	To	Color
1	0	10	
2	10	20	
3	20	30	
4	30	40	
5	40	50	
6	50	60	
7	60	70	
8	70	83	

SCALE IN FEET 10 5 0 10

MONITORING WELL

SOIL VAPOR EXTRACTION WELL

DV-1 INJECTION WELL

SHOWN RANGES ARE BASED ON INJECTED PETROFIX VOLUMES, ESTIMATED EXTENT, AND ASSUMED UNIFORM DISTRIBUTION.

SCALE IN FEET 10 5 0 10

SANTA FE COUNTY JUDICIAL COMPLEX
SANTA FE, NEW MEXICO

DRAWING C-2 - DE VARGAS PLUME
PETROFIX® INJECTED VOLUME

PROJECT #:	6347005	PROJECT PHASE:	01	PROJECT MANAGER:	MM

320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC

Appendix A – Field Forms

EA Engineering, Science, and Technology, Inc., PBC
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Albuquerque, NM 87102
Phone: (505) 224-9013

MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	MW-11	Date gauged	4-3-23
Site	SFCJC	Time gauged	1100
Depth to PSH	— Feet	Well diameter	2 Inches
Depth to water	26.67 Feet	Height of fluid column	7.43 Feet
Total depth	34.10 Feet	Volume in well	1.26 Gallons
NAPL thickness	— Feet		

(3 well volumes = 3.79 gallons)

~~After Bailing NAPL~~

Depth to PSH	Feet
Depth to water	Feet
NAPL thickness	Feet
NAPL Recovered	Gallons

GROUNDWATER SAMPLING DATA

Time/date purged _____ Purge Method _____

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)

PETROFIX

Actual purge volume _____ gal. Field measurements stabilized within ± 10%? _____

Time/date sampled _____ Purged/sampled by S. FINCH

Sample method _____

Requested analyses _____

Comments/observations PETROFIX IN WELL - NO SAMPLE COLLECTED

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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Phone: (505) 224-9013

MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-15
Site: SFGTC
Depth to PSH: — Feet
Depth to water: 25.97 Feet
Total depth: 44.35 Feet
NAPL thickness: — Feet

Date gauged: 4-3-23
Time gauged: 1050
Well diameter: 4 Inches
Height of fluid column: 18.38 Feet
Volume in well: 12.13 Gallons

(3 well volumes = 36.39 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1105 4-3-23
Purge Method: Hand Bailed

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1105	1.0	17.67	900	5.76	8.9	1.09
1111	10.0	16.57	~~849~~ 949	6.88	—	—
1118	20.0	16.68	952	7.04	—	—
1129	32.0	16.74	956	7.17	—	—

Actual purge volume: 33.0 gal.
Field measurements stabilized within ± 10%? Yes

Time/date sampled: 1140 4-3-23
Purged/sampled by: E. Anderman

Sample method: New Bailer & Tubing
Requested analyses: VOC 8260

Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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Albuquerque, NM 87102
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MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: SFCMW-07
Site: SFCJC
Depth to PSH: — Feet
Depth to water: 28.95 Feet
Total depth: 34.35 Feet
NAPL thickness: — Feet

Date gauged: 4-3-23
Time gauged: 1055
Well diameter: 2 Inches
Height of fluid column: 5.4 Feet
Volume in well: 0.918 Gallons

(3 well volumes = 2.75 gallons)

After Bailing NAPL
Depth to PSH: ____ Feet
Depth to water: ____ Feet
NAPL thickness: ____ Feet
NAPL Recovered: ____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1105/4-3-23
Purge Method: HAND BAILED

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1105	0.25	16.7	1137	7.22	-86	—
1107	1.25	15.5	969.7	7.45	-87	—
1109	2.50 OF 2.00	15.3	889.1	7.48	—	—
1111	2.50	15.1	857.5	7.52	—	—

Actual purge volume: 2.75 gal.
Field measurements stabilized within ± 10%? YES

Time/date sampled: 1115/4-3-23
Purged/sampled by: S.FINCH

Sample method: NEW BAILER + SURVE
Requested analyses: EPA 8260B, 504.1, 300.1 (SULFATE), SM 4500 (SULFIDE), 300 (NITRATE), 6010 (IRON/MN)
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	TWN-2	Date gauged	4-3-23
Site	SFCJC	Time gauged	1220
Depth to PSH	— Feet	Well diameter	4 Inches
Depth to water	26.19 Feet	Height of fluid column	37.21 Feet
Total depth	63.4 Feet	Volume in well	24.56 Gallons
NAPL thickness	— Feet		

(3 well volumes = 73.68 gallons)

After Bailing NAPL

Depth to PSH	Feet
Depth to water	Feet
NAPL thickness	Feet
NAPL Recovered	Gallons

GROUNDWATER SAMPLING DATA

Time/date purged 4-3-23 Purge Method HAND BAILED

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)

PUMP-FAILED IN WELL, NOT SAMPLED.

Actual purge volume _____ gal. Field measurements stabilized within ± 10%? _____

Time/date sampled 4-3-23 Purged/sampled by E. ANDELMAN

Sample method NEW BAILER & TWINE

Requested analyses SEE TABLE 1 ~~&~~

Comments/observations _____

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: TWN-3
Site: SFCJC
Date gauged: 4-3-23
Time gauged: 1105

Depth to PSH: ~~_____~~ Feet
Well diameter: 2 Inches
Depth to water: 26.05 Feet
Height of fluid column: _____ Feet
Total depth: 36.40 Feet
Volume in well: _____ Gallons
NAPL thickness: ~~_____~~ Feet

(3 well volumes = _____ gallons)

After Bailing NAPL
Depth to PSH: ~~_____~~ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: SF _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: _____
Purge Method: _____

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
			PETROFIX			
			SF			

Actual purge volume _____ gal.
Field measurements stabilized within ± 10%? _____

Time/date sampled _____
Purged/sampled by S. FINCH

Sample method _____
Requested analyses _____
Comments/observations PETROFIX IN WATER - NO SAMPLE COLLECTED

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	MW-6	Date gauged	4-5-2023
Site	SFJC	Time gauged	1038
Depth to PSH	– Feet	Well diameter	2 Inches
Depth to water	30.81 Feet	Height of fluid column	8.09 Feet
Total depth	38.90 Feet	Volume in well	1.37 Gallons
NAPL thickness	– Feet		

(3 well volumes = 5.5 gallons)

After Bailing NAPL

Depth to PSH	Feet
Depth to water	Feet
NAPL thickness	Feet
NAPL Recovered	Gallons

GROUNDWATER SAMPLING DATA

Time/date purged 1041 4-5-2023 Purge Method Hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1041	0.25	16.0	1097	6.48	-28	
1046	2.75	16.1	1090	7.07	-88	
1050	5.25	16.0	1101	7.13	-93	

Actual purge volume 5.5 gal. Field measurements stabilized within ± 10%? No

Time/date sampled 1051 Purged/sampled by D. OBrien

Sample method Disposable bailer

Requested analyses 300, 8260, 6010, SM4500

Comments/observations

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

Sheet 1 of 1
Date: 4-5-23

Ground Water Sampling Data Sheet

Well ID: SFCMW-01 Sample ID: SFCMW-01 Sample Time: 1240

Casing diameter/type: 6" PVC Well location: SFCJC Weather: 45°F WINDY

Screened interval(s): Sampling personnel: S.FINCH

Total depth: 39.15 Sampling method: **Low-flow**

Initial depth to water (w/o pump): 30.65 Water level indicator: HANNA

Final depth to water (w/o pump): 31.03 Water quality meter: SOLINST

Measuring point: **top of casing** Pump depth setting: 34.50' Pump type/model: MONSOON

3-5 min	Δ < 10%	Δ < 10%		Δ < 10%	Δ < 10%	Δ < 10%	Δ < 0.3 ft	< 0.5 L/min	< 10 NTU	cumulative	<--- Parameter Stabilization Limits (see bottom of sheet)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
1210	14.63	992	31.2	1.85	6.96	-84.3	30.88	400	—	0	INITIAL - NO TURBIDIMETER
1215	14.98	993	5.6	0.33	6.97	-129.8	30.92	300	—	1 GAL	
1220	15.22	994	2.4	0.14	6.96	-149.6	30.94	300	—	1.5 GAL	
1225	15.18	994	1.8	0.11	6.96	-154.9	30.95	300	—	2.0 GAL	
1230	15.21	994	1.6	0.10	6.96	-156.0	30.96	300	—	2.5 GAL	
1235	15.12	993	1.6	0.09	6.95	-158.1	30.96	300	—	2.8 GAL	PURGE VOL. ESTIMATED

Parameter Stabilization Limits (4 consecutive readings; 3 consecutive Δ's) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Wells will not be pruged to dryness prior to sampling to prevent erroneous field parameters and ground water samples.

Recorded By: S.FINCH

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Albuquerque, NM 87102
Phone: (505) 224-9013

MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: SFCMW-02
Site: SFCJC
Depth to PSH: — Feet
Depth to water: 30.97 Feet
Total depth: 42.10 Feet
NAPL thickness: — Feet

Date gauged: 4-3-23
Time gauged: 1255
Well diameter: 4 Inches
Height of fluid column: 11.13 Feet
Volume in well: 16.70 Gallons

(3 well volumes = 50.1 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1307 4-3-23
Purge Method: HAND BAILED

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1307	1.0	17.27	901	7.19	45.5	1.60
1317	15.0	15.96	807	7.20	—	—
1329	30.0	16.24	847	6.95	—	—
1340	50.0	16.23	871	6.95	—	—
						—

Actual purge volume: 51.0 gal.
Field measurements stabilized within ± 10%? YES
Time/date sampled: 1345 / 4-3-23
Purged/sampled by: E. ANDERSON
Sample method: NEW BAILER & TWINE
Requested analyses: SEE TABLE
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: SFC MW-03
Site: SFCJC
Date gauged: 4-3-23
Time gauged: 1300

Depth to PSH: — Feet
Well diameter: 6 Inches
Depth to water: 32.15 Feet
Height of fluid column: 7.55 Feet
Total depth: 39.70 Feet
Volume in well: 11.3 Gallons
NAPL thickness: — Feet
(3 well volumes = 33.9 gallons)

After Bailing NAPL
Depth to PSH: — Feet
Depth to water: — Feet
NAPL thickness: — Feet
NAPL Recovered: — Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1305 / 4-3-23
Purge Method: HAND BAILED

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1305	1.0	19.3	984.6	8.00	139	—
1313	10.00	17.1	904.5	7.62	96	—
1317	15.00	16.6	898.6	7.56	92	
1324	30.00	17.1	905.0	7.54	69	—

Actual purge volume: 34.0 gal.
Field measurements stabilized within ± 10%? YES

Time/date sampled: 1330 / 4-3-23
Purged/sampled by: SFNCH

Sample method: NEW BAILER & TWINE
Requested analyses: SEE ANALYSIS TABLE
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

Date: 4-5-23

Ground Water Sampling Data Sheet

Well ID: SFCMW-10 Sample ID: SFCMW-10 Sample Time: 1135

Casing diameter/type: 4" PVC Well location: SFCJC Weather: 45°F WINDY

Screened interval(s): — Sampling personnel: S. FINCH

Total depth: 39.25 Sampling method: Low-flow

Initial depth to water (w/o pump): 28.85 Water level indicator: SOLINST

Final depth to water (w/o pump): 29.05 Water quality meter: HANNA

Measuring point: top of casing Pump depth setting: 34' Pump type/model: MONSOON

3-5 min	Δ < 10%	Δ < 10%		Δ < 10%	Δ < 10%	Δ < 10%	Δ < 0.3 ft	< 0.5 L/min	< 10 NTU	cumulative	<--- Parameter Stabilization Limits (see bottom of sheet)
Time	Temp (°C)	Conductivity (mS/cm) or (µS/cm)	DO (%)	DO (mg/L)	pH	ORP (mV)	Water Level (feet btoc)	Flow Rate (L/min) or (mL/min)	Turbidity (NTU)	Purge Volume (L) or (mL)	Additional Comments
1102	14.58	1017	11.7	0.69	6.69	70.8	29.19	300	—	0	INITIAL - NO TURBIDIMETER
1107	16.22	1003	4.7	0.27	6.38	32.6	29.40	350	—	2.0 GAL	
1112	16.74	995	2.7	0.15	6.32	-3.0	29.42	350	—	4.0 GAL	
1117	16.85	993	2.3	0.13	6.30	-8.7	29.50	350	—	6.0 GAL	
1122	17.02	990	2.1	0.12	6.28	-11.0	29.50	350	—	8.0 GAL	
1127	17.08	989	2.0	0.11	6.25	-12.1	29.48	350	—	9.0 GAL	
1132	17.02	991	2.0	0.11	6.25	-13.0	29.46	300	—	10 GAL	PURGE VOL. ESTIMATED

Parameter Stabilization Limits (4 consecutive readings; 3 consecutive Δ's) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Wells will not be pruged to dryness prior to sampling to prevent erroneous field parameters and ground water samples.

Recorded By: S. FINCH

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WELL SAMPLING FORM

WELL DATA

Well ID: SLE-1
Date gauged: 4-5-2023
Site: Moberg's Garage/Texaco Station
Time gauged: 1334

Depth to NAPL: — Feet
Well diameter: 4 Inches
Depth to water: 30.14 Feet
Height of fluid column: 8.27 Feet
Total depth: 38.41 Feet
Volume in well: 5.43 Gallons
NAPL thickness: — Feet
(3 well volumes = 14.37 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1346 4-5-2023 Purge Method: hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1346	1	15.3	2309	7.72	5	
1350	8	15.0	2239	7.82	-53	
1356	16	15.8	2109	7.32	-54	

Actual purge volume: 17 gal.
Field measurements stabilized within ± 10%? No
Time/date sampled: 1357 4-5-23
Purged/sampled by: D.O.Boyer
Sample method: Disposable bailer
Requested analyses:
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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WELL SAMPLING FORM

WELL DATA

Well ID: SVE-3 SF2C
Site: ~~Moberg's Garage/Texaco Station~~
Depth to NAPL: — Feet
Depth to water: 29.48 Feet
Total depth: 39.51 Feet
NAPL thickness: — Feet

Date gauged: 4-5-2023
Time gauged: 1304
Well diameter: 4 Inches
Height of fluid column: 10.03 Feet
Volume in well: 6.61 Gallons

(3 well volumes = 19.85 gallons)

After Bailing NAPL

Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1305 4-5-2023 Purge Method: hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1308	1	16.8	1275	7.85	-08	
1315	10	16.2	1302	7.64	-132	
1319	19	16.0	1309	7.18	-142	

Actual purge volume: 20 gal.
Field measurements stabilized within ± 10%? NO

Time/date sampled: 1321 4-5-23
Purged/sampled by: D. OBrien

Sample method: Disposable bailer
Requested analyses:
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: SVE-111
Site: SFJC
Date gauged: 4.5.2023
Time gauged: 1720
Depth to PSH: ~ Feet
Well diameter: 4 Inches
Depth to water: 29.82 Feet
Height of fluid column: 4.38 Feet
Total depth: 34.70 Feet
Volume in well: 3.22 Gallons
NAPL thickness: ~ Feet
(3 well volumes = 9.66 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1727
Purge Method: hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1727	0.1	16.1	1415	6.45	24.8	—
1729	0.5	15.8	1422	6.42	27.3	—
1732	0.8	15.9	1418	6.41	28.9	—

Actual purge volume: 1 gal.
Field measurements stabilized within ± 10%? YES
Time/date sampled: 4.5.2023/1735
Purged/sampled by: S. Finch
Sample method: Disposable "Pencil" bailer & twine
Requested analyses: see table - All except Dissolved gasses
Comments/observations: very heavy object suspended from yellow rope through well cap - well partially obstructed

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

EA Engineering, Science, and Technology, Inc., PBC
320 Gold Avenue SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: tws-1
Site: SFDC
Date gauged: 4-5-2023
Time gauged: 1129

Depth to PSH: ~ Feet
Well diameter: 2 Inches
Depth to water: 28.84 Feet
Height of fluid column: 8.6 Feet
Total depth: 37.15 Feet
Volume in well: 1.46 Gallons
NAPL thickness: ~ Feet
(3 well volumes = 4.38 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1133 4-5-2023
Purge Method: hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1133	0.25	16.6	1416	8.38	45	
1136	2	16.4	1454	8.22	78	
1139	4.29	16.6	1442	7.98	55	

Actual purge volume: 4.5 gal.
Field measurements stabilized within ± 10%? _____
Time/date sampled: 1140 4-5-23
Purged/sampled by: D. OBrien
Sample method: _____
Requested analyses: _____
Comments/observations: _____

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

Ground Water Sampling Data Sheet

Well ID: TWS-4 Sample ID: TWS-4 Sample Time: 1440

Casing diameter/type: 2" PVC Well location: SFGSC Weather: 45°F WINDY

Screened interval(s): Sampling personnel: S.FINCH

Total depth: 39.05 Sampling method: Low-flow

Initial depth to water (w/o pump): 30.85 Water level indicator: SOLINST

Final depth to water (w/o pump): 31.00 Water quality meter: HANNA

Measuring point: **top of casing** Pump depth setting: 34' Pump type/model: MONSOON

3-5 min	Δ < 10%	Δ < 10%		Δ < 10%	Δ < 10%	Δ < 10%	Δ < 0.3 ft	< 0.5 L/min	< 10 NTU	cumulative	<--- Parameter Stabilization Limits (see bottom of sheet)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
1420	17.35	899	19.1	1.06	7.07	-67.9	31.05	300	—	0	INITIAL - NO TURBIDIMETER
1425	17.35	900	14.7	0.82	6.95	-68.4	31.07	300	—	1.5 GAL	
1430	17.43	916	13.5	0.78	6.93	-71.1	31.10	300	—	2 GAL	
1435	17.42	1008	12.6	0.70	6.88	-70.8	31.15	300	—	2.5 GAL	PURGE VOL ESTIMATED

Parameter Stabilization Limits (4 consecutive readings; 3 consecutive Δ's) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Wells will not be pruged to dryness prior to sampling to prevent erroneous field parameters and ground water samples.

Recorded By: S.FINCH

Ground Water Sampling Data Sheet

Well ID: MW-1R Sample ID: MW-1R Sample Time: 1410

Casing diameter/type: 2" PVC Well location: SPESC Weather: 45°F WINDY

Screened interval(s): Sampling personnel: S. FINCH

Total depth: 37.0 Sampling method: Low-flow

Initial depth to water (w/o pump): 30.54 Water level indicator: SOLINST

Final depth to water (w/o pump): 30.85 Water quality meter: HANNA

Measuring point: top of casing Pump depth setting: 33' Pump type/model: MONSOON

3-5 min	Δ < 10%	Δ < 10%		Δ < 10%	Δ < 10%	Δ < 10%	Δ < 0.3 ft	< 0.5 L/min	< 10 NTU	cumulative	<--- Parameter Stabilization Limits (see bottom of sheet)
Time	Temp (°C)	Conductivity (mS/cm) or (µS/cm)	DO (%)	DO (mg/L)	pH	ORP (mV)	Water Level (feet btoc)	Flow Rate (L/min) or (mL/min)	Turbidity (NTU)	Purge Volume (L) or (mL)	Additional Comments
1345	15.85	2143	24.1	1.37	6.56	~~235~~ -85.2	30.82	300	—	0	INITIAL READING - NO TURBIDITY
1350	~~13.85~~ 17.24	2206	21.7	1.21	6.56	-81.4	30.84	300	—	1 GAL	
1355	18.48	2269	19.5	1.05	6.58	-64.1	30.85	300	—	1.2 GAL	
1400	19.14	2258	18.9	1.02	6.58	-58.1	30.85	300	—	1.4 GAL	
1405	19.20	2254	19.0	1.01	6.58	-55.4	30.86	300	—	1.6 GAL	PURGE VOL. ESTIMATED

Parameter Stabilization Limits (4 consecutive readings; 3 consecutive Δ's) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Wells will not be pruged to dryness prior to sampling to prevent erroneous field parameters and ground water samples.

Recorded By: S. FINCH

Date: 4-5-23

Ground Water Sampling Data Sheet

Well ID: MW-4R Sample ID: MW-4R Sample Time: 1515

Casing diameter/type: 2" PVC Well location: SFCJC Weather: 45°F WINDY

Screened interval(s): ~~31.09 ft~~ Sampling personnel: S. FNCH

Total depth: 41.80 Sampling method: **Low-flow**

Initial depth to water (w/o pump): 31.09 Water level indicator: SOLINST

Final depth to water (w/o pump): 31.15 Water quality meter: HANNA

Measuring point: **top of casing** Pump depth setting: ~~46 ft~~ 36' Pump type/model: GRUNDFOS

3-5 min	Δ < 10%	Δ < 10%		Δ < 10%	Δ < 10%	Δ < 10%	Δ < 0.3 ft	< 0.5 L/min	< 10 NTU	cumulative	<--- Parameter Stabilization Limits (see bottom of sheet)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
1450	15.18	1176	24.4	1.41	6.93	-25.8	31.20	350	—	0	INITIAL - NO TURBIDIMETER
1455	16.57	1156	25.6	1.45	6.88	-13.2	31.21	350	—	1 GAL	
1500	16.79	1147	27.9	1.55	6.90	-3.8	31.23	350	—	1.2 GAL	
1505	17.11	1148	28.5	1.60	6.89	-2.9	31.24	350	—	1.4 GAL	
1510	17.36	1141	28.4	1.59	6.88	-2.4	31.25	350	—	1.5 GAL	PURGE VOL: ESTIMATED

Parameter Stabilization Limits (4 consecutive readings; 3 consecutive Δ's) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Wells will not be pruged to dryness prior to sampling to prevent erroneous field parameters and ground water samples.

Recorded By: S. FNCH

Ground Water Sampling Data Sheet

Well ID: CMW-3R Sample ID: CMW-3R Sample Time: 1605

Casing diameter/type: 2" PVC Well location: SPCO C Weather: 45°F SUNNY/LIGHT BREEZE

Screened interval(s): Sampling personnel: S. FINCH

Total depth: ~~41.80~~ 35.60 Sampling method: Low-flow

Initial depth to water (w/o pump): 23.35 Water level indicator: SOLINST

Final depth to water (w/o pump): 23.50 Water quality meter: HANNA

Measuring point: top of casing Pump depth setting: 29' Pump type/model: MONSOON

3-5 min	Δ < 10%	Δ < 10%		Δ < 10%	Δ < 10%	Δ < 10%	Δ < 0.3 ft	< 0.5 L/min	< 10 NTU	cumulative	<— Parameter Stabilization Limits (see bottom of sheet)
Time	Temp (°C)	Conductivity (mS/cm) or (µS/cm)	DO (%)	DO (mg/L)	pH	ORP (mV)	Water Level (feet btoc)	Flow Rate (L/min) or (mL/min)	Turbidity (NTU)	Purge Volume (L) or (mL)	Additional Comments
1535	15.16	1826	11.1	0.65	6.83	-130.0	23.40	350	—	0	INITIAL - NO TURBIDIMETER.
1540	15.70	1792	6.6	0.38	6.82	-193.3	23.42	400	—	1 GAL	
1545	15.81	1784	4.5	0.29	6.81	-209.6	23.44	350	—	1.3 GAL	
1550	15.99	1792	3.7	0.22	6.80	-215.3	23.45	400	—	1.8 GAL	
1555	15.63	1807	3.3	0.20	6.81	-220.7	23.46	400	—	3.2 GAL	
1600	15.68	1811	3.1	0.19	6.81	-231.9	23.47	350	—	3.9 GAL	PURGE VOL ESTIMATED

Parameter Stabilization Limits (4 consecutive readings; 3 consecutive Δ's) for percent difference type parameters.
Percent difference formula =
ABS[(first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Wells will not be pruged to dryness prior to sampling to prevent erroneous field parameters and ground water samples.

Recorded By: S FINCH

EA Engineering, Science, and Technology, Inc., PBC
320 Gold Avenue SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: CMW-4
Site: SFJC
Depth to PSH: ~ Feet
Depth to water: 21.92 Feet
Total depth: 38.1 Feet
NAPL thickness: ~ Feet

Date gauged: ~~12~~ 4-5-2023
Time gauged: 1222
Well diameter: 4 Inches
Height of fluid column: 9.89 Feet
Volume in well: 6.52 Gallons

(3 well volumes = 19.5 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1234
Purge Method: hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1234	0.25	15.3	2093	8.13	103	
1240	10	19.5	2124	7.84	69	
1246	14.25	19.5	2150	7.75	51	

Actual purge volume: 19.5 gal.
Field measurements stabilized within ± 10%? NO
Time/date sampled: 1247 4.5.23
Purged/sampled by: D. O'Brien
Sample method: Disposable Bailer
Requested analyses:
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

Sheet 1 of 1
Date: 4-5-23

Ground Water Sampling Data Sheet

Well ID: CMW-1 Sample ID: CMW-1 Sample Time: 1700

Casing diameter/type: 2" PVC Well location: SPEC C Weather: 45°F WINDY

Screened interval(s): Sampling personnel: S. FINCH

Total depth: 34.70 Sampling method: **Low-flow**

Initial depth to water (w/o pump): 24.79 Water level indicator: SOLINST

Final depth to water (w/o pump): 25.02 Water quality meter: HANNA

Measuring point: **top of casing** Pump depth setting: 30' Pump type/model: MONSOON

3-5 min	Δ < 10%	Δ < 10%		Δ < 10%	Δ < 10%	Δ < 10%	Δ < 0.3 ft	< 0.5 L/min	< 10 NTU	cumulative	<--- Parameter Stabilization Limits (see bottom of sheet)
Time	Temp (°C)	Conductivity (mS/cm) or (µS/cm)	DO (%)	DO (mg/L)	pH	ORP (mV)	Water Level (feet btoc)	Flow Rate (L/min) or (mL/min)	Turbidity (NTU)	Purge Volume (L) or (mL)	Additional Comments
1632	15.89	994	16.9	0.98	7.17	-92.3	25.00	350	—	→	NO TURBIDIMETER. APPEARED
1637	16.20	997	18.6	1.07	7.15	-80.6	25.01	350	—	1 GAL	TURBID AT FIRST PURGE
1642	17.80	1060	25.1	1.38	7.13	-63.5	25.03	300	—	2 GAL	LOST WATER. TURNED UP CONTROLLER,
1647	18.18	1092	26.1	1.43	7.12	-59.3	25.04	300	—	2.3 GAL	CLEAR WATER (CLEAR-ER)
1652	18.62	1095	26.0	1.40	7.12	-57.5	25.05	300	—	2.5 GAL	

Parameter Stabilization Limits (4 consecutive readings; 3 consecutive Δ's) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Wells will not be pruged to dryness prior to sampling to prevent erroneous field parameters and ground water samples.

Recorded By: S. FINCH

Chain-of-Custody Record

Client:

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ **Rush**

Project Name:

Project #:

Project Manager:

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers:

Cooler Temp(including CF): (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
										X			X	X			X	X				
										X			X	X			X	X				
													X	X			X	X				
													X	X			X	X				

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client:

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☐ **Rush**

Project Name:

Project #:

Project Manager:

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client:

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other_____

☐ EDD (Type) _____

Turn-Around Time:

☐ Standard ☐ **Rush**_____

Project Name:

Project #:

Project Manager:

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Location SANTA FE, NM Date 4-3-23

Project / Client SFCJC GWM

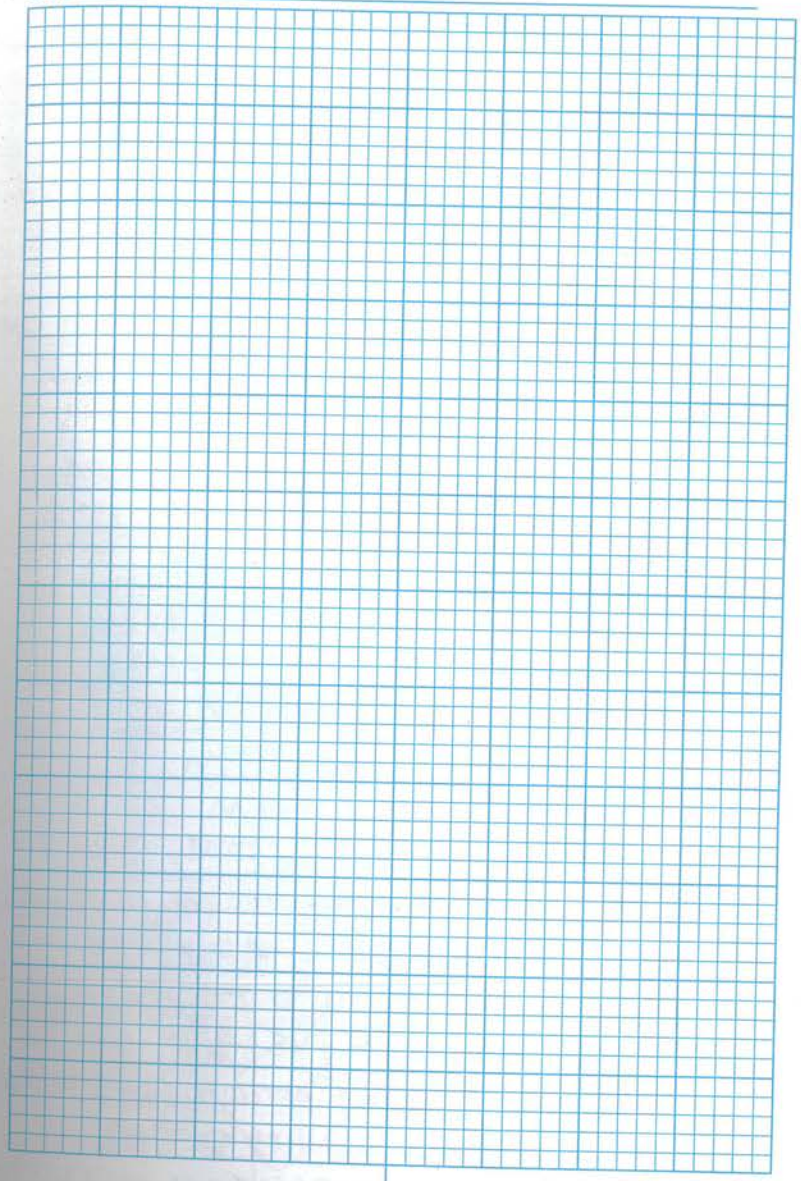
GAUGE SHEET (FT BTOC)

MW-11 — 26.67
MW-15 — 25.97
SFCMW-07 — 28.95
TWN-2 — 26.19
TWN-3 — 26.05
MW-6 — 30.80
SFCMW01 — 30.65
SFCMW-02 — 30.97
SFCMW-03 — 32.15
SFCMW-10 — 28.86
SVE-1 — 30.02
SVE-3 — 29.37
SVE-11D — 29.82
TWS-1 — 28.25
TWS-4 — 30.85
MW-1R — 30.54
MW-4R — 31.09
CMW-3R — 23.35
CMW-4 — ~~24.74~~ SF 21.85
CMW-1 — 24.74

Location Date

Project / Client

Scale



Appendix B – Hall Environmental Analysis Laboratory Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 02, 2023

Mike McVey
EA Engineering
320 Gold Ave SW Suite 1210
Albuquerque, NM 87102
TEL: (505) 369-3149
FAX

RE: SFCJC OrderNo.: 2304106

Dear Mike McVey:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/4/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15
Project: SFCJC
Collection Date: 4/3/2023 11:40:00 AM
Lab ID: 2304106-001
Matrix: AQUEOUS
Received Date: 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Nitrogen, Nitrite (As N)	0.76	0.50		mg/L	5	4/4/2023 3:20:23 PM	R95794
Nitrogen, Nitrate (As N)	6.9	0.50		mg/L	5	4/4/2023 3:20:23 PM	R95794
Sulfate	110	2.5		mg/L	5	4/4/2023 3:20:23 PM	R95794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JRR**	
Iron	ND	0.020		mg/L	1	4/6/2023 3:42:41 PM	A95848
Manganese	0.68	0.0020		mg/L	1	4/6/2023 3:42:41 PM	A95848
EPA METHOD 8011/504.1: EDB						Analyst: **mb**	
1,2-Dibromoethane	ND	0.0093		µg/L	1	4/12/2023 6:22:25 AM	74204
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Toluene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Ethylbenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,2-Dichloroethane (EDC)	18	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Naphthalene	ND	2.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
2-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Acetone	ND	10		µg/L	1	4/11/2023 7:59:27 PM	R95931
Bromobenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Bromodichloromethane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Bromoform	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Bromomethane	ND	3.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
2-Butanone	ND	10		µg/L	1	4/11/2023 7:59:27 PM	R95931
Carbon disulfide	ND	10		µg/L	1	4/11/2023 7:59:27 PM	R95931
Carbon Tetrachloride	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Chlorobenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Chloroethane	ND	2.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Chloroform	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Chloromethane	ND	3.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
2-Chlorotoluene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
4-Chlorotoluene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
cis-1,2-DCE	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Dibromochloromethane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15
Project: SFCJC
Collection Date: 4/3/2023 11:40:00 AM
Lab ID: 2304106-001
Matrix: AQUEOUS
Received Date: 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Dibromomethane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,1-Dichloroethane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,2-Dichloropropane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,3-Dichloropropane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,1-Dichloropropene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Hexachlorobutadiene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
2-Hexanone	ND	10		µg/L	1	4/11/2023 7:59:27 PM	R95931
Isopropylbenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
4-Isopropyltoluene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/2023 7:59:27 PM	R95931
Methylene Chloride	ND	3.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
n-Butylbenzene	ND	3.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
n-Propylbenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
sec-Butylbenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Styrene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
tert-Butylbenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
trans-1,2-DCE	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Trichlorofluoromethane	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Vinyl chloride	ND	1.0		µg/L	1	4/11/2023 7:59:27 PM	R95931
Xylenes, Total	ND	1.5		µg/L	1	4/11/2023 7:59:27 PM	R95931
Surr: 1,2-Dichloroethane-d4	127	70-130		%Rec	1	4/11/2023 7:59:27 PM	R95931
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/11/2023 7:59:27 PM	R95931
Surr: Dibromofluoromethane	106	70-130		%Rec	1	4/11/2023 7:59:27 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15
Project: SFCJC
Collection Date: 4/3/2023 11:40:00 AM
Lab ID: 2304106-001
Matrix: AQUEOUS
Received Date: 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Surr: Toluene-d8	97.3	70-130		%Rec	1	4/11/2023 7:59:27 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-07
Project: SFCJC
Collection Date: 4/3/2023 11:15:00 AM
Lab ID: 2304106-002
Matrix: AQUEOUS
Received Date: 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	4/4/2023 3:46:05 PM	R95794
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	4/4/2023 3:46:05 PM	R95794
Sulfate	95	2.5		mg/L	5	4/4/2023 3:46:05 PM	R95794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JRR**	
Iron	1.4	0.20		mg/L	10	4/6/2023 3:58:10 PM	A95848
Manganese	3.2	0.020		mg/L	10	4/6/2023 3:58:10 PM	A95848
EPA METHOD 8011/504.1: EDB						Analyst: **JME**	
1,2-Dibromoethane	0.023	0.0094		µg/L	1	4/17/2023 4:51:07 PM	74351

NOTES:
No trip blank was included with work order

EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Toluene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Ethylbenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,2,4-Trimethylbenzene	1.2	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,2-Dichloroethane (EDC)	1.2	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Naphthalene	ND	2.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1-Methylnaphthalene	ND	4.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
2-Methylnaphthalene	ND	4.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Acetone	ND	10		µg/L	1	4/12/2023 1:08:47 PM	R95931
Bromobenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Bromodichloromethane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Bromoform	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Bromomethane	ND	3.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
2-Butanone	ND	10		µg/L	1	4/12/2023 1:08:47 PM	R95931
Carbon disulfide	ND	10		µg/L	1	4/12/2023 1:08:47 PM	R95931
Carbon Tetrachloride	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Chlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Chloroethane	ND	2.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Chloroform	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Chloromethane	ND	3.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
2-Chlorotoluene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
4-Chlorotoluene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
cis-1,2-DCE	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-07
Project: SFCJC
Collection Date: 4/3/2023 11:15:00 AM
Lab ID: 2304106-002
Matrix: AQUEOUS
Received Date: 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Dibromochloromethane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Dibromomethane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,1-Dichloroethane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,1-Dichloroethene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,2-Dichloropropane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,3-Dichloropropane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
2,2-Dichloropropane	ND	2.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,1-Dichloropropene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Hexachlorobutadiene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
2-Hexanone	ND	10		µg/L	1	4/12/2023 1:08:47 PM	R95931
Isopropylbenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
4-Isopropyltoluene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
4-Methyl-2-pentanone	ND	10		µg/L	1	4/12/2023 1:08:47 PM	R95931
Methylene Chloride	ND	3.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
n-Butylbenzene	ND	3.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
n-Propylbenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
sec-Butylbenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Styrene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
tert-Butylbenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
trans-1,2-DCE	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Trichlorofluoromethane	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Vinyl chloride	ND	1.0		µg/L	1	4/12/2023 1:08:47 PM	R95931
Xylenes, Total	ND	1.5		µg/L	1	4/12/2023 1:08:47 PM	R95931
Surr: 1,2-Dichloroethane-d4	123	70-130		%Rec	1	4/12/2023 1:08:47 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-07
Project: SFCJC
Collection Date: 4/3/2023 11:15:00 AM
Lab ID: 2304106-002
Matrix: AQUEOUS
Received Date: 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	4/12/2023 1:08:47 PM	R95931
Surr: Dibromofluoromethane	102	70-130		%Rec	1	4/12/2023 1:08:47 PM	R95931
Surr: Toluene-d8	99.4	70-130		%Rec	1	4/12/2023 1:08:47 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-02
Project: SFCJC
Collection Date: 4/3/2023 1:45:00 PM
Lab ID: 2304106-003
Matrix: AQUEOUS
Received Date: 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	4/4/2023 4:11:48 PM	R95794
Nitrogen, Nitrate (As N)	1.9	0.50		mg/L	5	4/4/2023 4:11:48 PM	R95794
Sulfate	140	2.5		mg/L	5	4/4/2023 4:11:48 PM	R95794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JRR**	
Iron	0.027	0.020		mg/L	1	4/6/2023 4:23:19 PM	A95848
Manganese	3.9	0.020		mg/L	10	4/6/2023 4:26:16 PM	A95848
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Toluene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Ethylbenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Naphthalene	ND	2.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1-Methylnaphthalene	ND	4.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
2-Methylnaphthalene	ND	4.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Acetone	ND	10		µg/L	1	4/12/2023 1:36:05 PM	R95931
Bromobenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Bromodichloromethane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Bromoform	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Bromomethane	ND	3.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
2-Butanone	ND	10		µg/L	1	4/12/2023 1:36:05 PM	R95931
Carbon disulfide	ND	10		µg/L	1	4/12/2023 1:36:05 PM	R95931
Carbon Tetrachloride	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Chlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Chloroethane	ND	2.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Chloroform	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Chloromethane	ND	3.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
2-Chlorotoluene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
4-Chlorotoluene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
cis-1,2-DCE	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Dibromochloromethane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Dibromomethane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-02
Project: SFCJC
Collection Date: 4/3/2023 1:45:00 PM
Lab ID: 2304106-003
Matrix: AQUEOUS
Received Date: 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,1-Dichloroethane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,1-Dichloroethene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,2-Dichloropropane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,3-Dichloropropane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
2,2-Dichloropropane	ND	2.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,1-Dichloropropene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Hexachlorobutadiene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
2-Hexanone	ND	10		µg/L	1	4/12/2023 1:36:05 PM	R95931
Isopropylbenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
4-Isopropyltoluene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
4-Methyl-2-pentanone	ND	10		µg/L	1	4/12/2023 1:36:05 PM	R95931
Methylene Chloride	ND	3.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
n-Butylbenzene	ND	3.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
n-Propylbenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
sec-Butylbenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Styrene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
tert-Butylbenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
trans-1,2-DCE	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Trichlorofluoromethane	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Vinyl chloride	ND	1.0		µg/L	1	4/12/2023 1:36:05 PM	R95931
Xylenes, Total	ND	1.5		µg/L	1	4/12/2023 1:36:05 PM	R95931
Surr: 1,2-Dichloroethane-d4	122	70-130		%Rec	1	4/12/2023 1:36:05 PM	R95931
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	4/12/2023 1:36:05 PM	R95931
Surr: Dibromofluoromethane	98.6	70-130		%Rec	1	4/12/2023 1:36:05 PM	R95931
Surr: Toluene-d8	106	70-130		%Rec	1	4/12/2023 1:36:05 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-03
Project: SFCJC
Collection Date: 4/3/2023 1:30:00 PM
Lab ID: 2304106-004 **Matrix:** AQUEOUS **Received Date:** 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	4/4/2023 5:03:13 PM	R95794
Nitrogen, Nitrate (As N)	6.7	0.50		mg/L	5	4/4/2023 5:03:13 PM	R95794
Sulfate	89	2.5		mg/L	5	4/4/2023 5:03:13 PM	R95794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JRR**	
Iron	ND	0.020		mg/L	1	4/6/2023 4:29:04 PM	A95848
Manganese	0.099	0.0020		mg/L	1	4/6/2023 4:29:04 PM	A95848
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Toluene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Ethylbenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Naphthalene	ND	2.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1-Methylnaphthalene	ND	4.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
2-Methylnaphthalene	ND	4.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Acetone	ND	10		µg/L	1	4/12/2023 2:03:23 PM	R95931
Bromobenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Bromodichloromethane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Bromoform	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Bromomethane	ND	3.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
2-Butanone	ND	10		µg/L	1	4/12/2023 2:03:23 PM	R95931
Carbon disulfide	ND	10		µg/L	1	4/12/2023 2:03:23 PM	R95931
Carbon Tetrachloride	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Chlorobenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Chloroethane	ND	2.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Chloroform	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Chloromethane	ND	3.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
2-Chlorotoluene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
4-Chlorotoluene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
cis-1,2-DCE	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Dibromochloromethane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Dibromomethane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-03
Project: SFCJC
Collection Date: 4/3/2023 1:30:00 PM
Lab ID: 2304106-004
Matrix: AQUEOUS
Received Date: 4/4/2023 10:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,1-Dichloroethane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,1-Dichloroethene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,2-Dichloropropane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,3-Dichloropropane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
2,2-Dichloropropane	ND	2.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,1-Dichloropropene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Hexachlorobutadiene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
2-Hexanone	ND	10		µg/L	1	4/12/2023 2:03:23 PM	R95931
Isopropylbenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
4-Isopropyltoluene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
4-Methyl-2-pentanone	ND	10		µg/L	1	4/12/2023 2:03:23 PM	R95931
Methylene Chloride	ND	3.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
n-Butylbenzene	ND	3.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
n-Propylbenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
sec-Butylbenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Styrene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
tert-Butylbenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
trans-1,2-DCE	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Trichlorofluoromethane	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Vinyl chloride	ND	1.0		µg/L	1	4/12/2023 2:03:23 PM	R95931
Xylenes, Total	ND	1.5		µg/L	1	4/12/2023 2:03:23 PM	R95931
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	1	4/12/2023 2:03:23 PM	R95931
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	4/12/2023 2:03:23 PM	R95931
Surr: Dibromofluoromethane	93.4	70-130		%Rec	1	4/12/2023 2:03:23 PM	R95931
Surr: Toluene-d8	108	70-130		%Rec	1	4/12/2023 2:03:23 PM	R95931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

ANALYTICAL REPORT

April 05, 2023

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

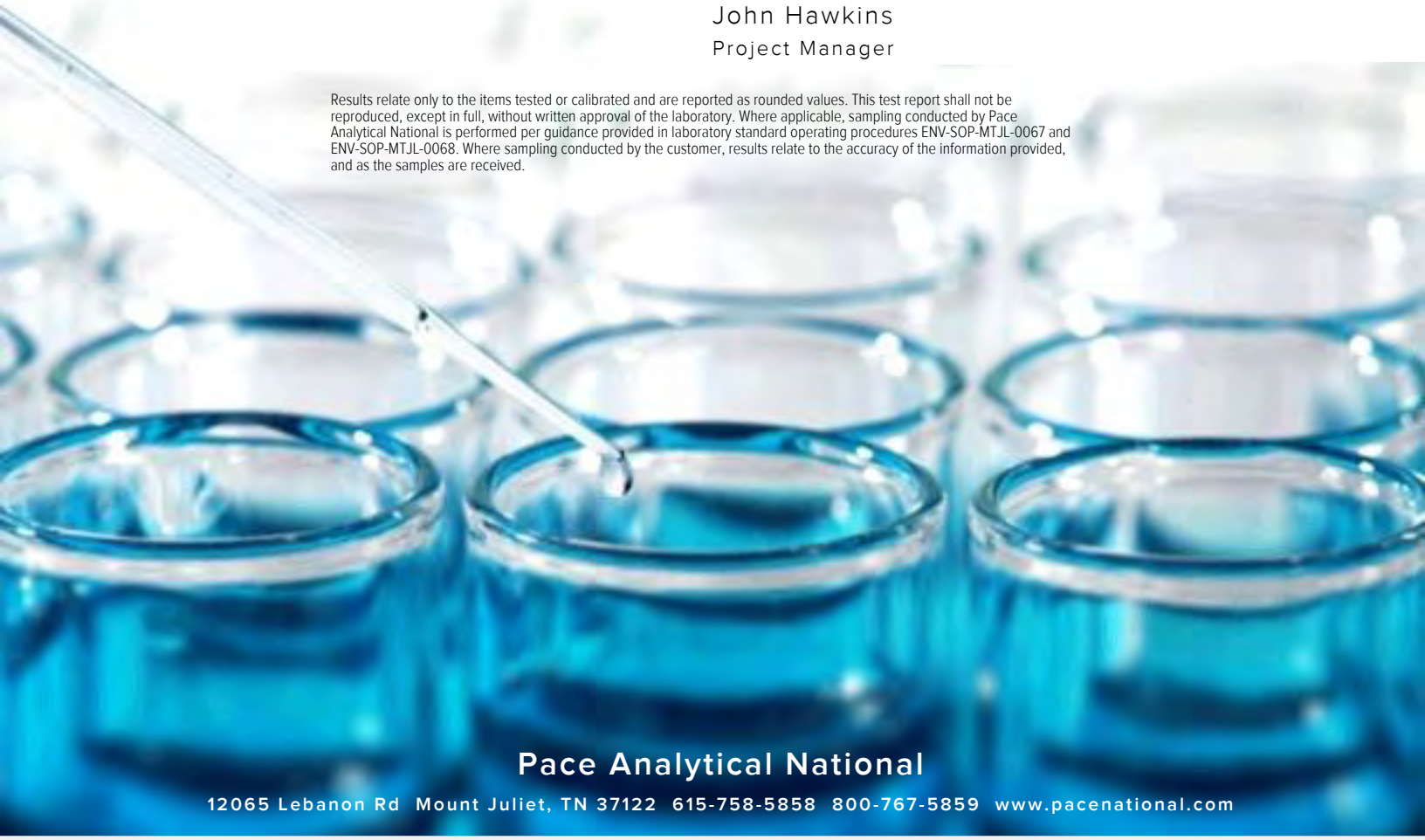
Hall Environmental Analysis Laboratory

Sample Delivery Group:	L1601961
Samples Received:	04/05/2023
Project Number:	
Description:	

Report To: Andy Freeman
4901 Hawkins NE
Albuquerque, NM 87109

Entire Report Reviewed By:

John Hawkins
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

SAMPLE SUMMARY

2304106-001E MW-15 L1601961-01 WW

Collected by | Collected date/time 04/03/23 11:40 | Received date/time 04/05/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2036466	1	04/05/23 16:15	04/05/23 16:15	CAH	Mt. Juliet, TN

2304106-002E SFCMW-07 L1601961-02 WW

Collected by | Collected date/time 04/03/23 11:15 | Received date/time 04/05/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2036466	1	04/05/23 16:16	04/05/23 16:16	CAH	Mt. Juliet, TN

2304106-003D SFCMW-02 L1601961-03 WW

Collected by | Collected date/time 04/03/23 13:45 | Received date/time 04/05/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2036466	1	04/05/23 16:16	04/05/23 16:16	CAH	Mt. Juliet, TN

2304106-004D SFCMW-03 L1601961-04 WW

Collected by | Collected date/time 04/03/23 13:30 | Received date/time 04/05/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2036466	1	04/05/23 16:16	04/05/23 16:16	CAH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

John Hawkins
Project Manager

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/05/2023 16:15	WG2036466

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/05/2023 16:16	WG2036466

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/05/2023 16:16	WG2036466

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/05/2023 16:16	WG2036466

Method Blank (MB)

(MB) R3909717-1 04/05/23 15:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Sulfide	U		0.0250	0.0500

L1601961-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1601961-01 04/05/23 16:15 • (DUP) R3909717-3 04/05/23 16:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3909717-2 04/05/23 16:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	0.500	0.444	88.8	85.0-115	

L1601961-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1601961-02 04/05/23 16:16 • (MS) R3909717-4 04/05/23 16:16 • (MSD) R3909717-5 04/05/23 16:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfide	0.500	ND	0.439	0.444	87.8	88.8	1	80.0-120			1.13	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

B029

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975
FAX: 505-345-4107
Website: www.hallenvironmental.com

SUB CONTRATOR: **Pace TN**	COMPANY: **PACE TN**	PHONE: **(800) 767-5859**	FAX: **(615) 758-5859**
ADDRESS: **12065 Lebanon Rd**		ACCOUNT #:	EMAIL:
CITY, STATE, ZIP: **Mt. Juliet, TN 37122**			

LL601961

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2304106-001E	MW-15	500PLNAOH ZNAC	Aqueous	4/3/2023 11:40:00 AM	1	Sulfide -01
2	2304106-002E	SFCMW-07	500PLNAOH ZNAC	Aqueous	4/3/2023 11:15:00 AM	1	Sulfide -02
3	2304106-003D	SFCMW-02	500PLNAOH ZNAC	Aqueous	4/3/2023 1:45:00 PM	1	Sulfide -03
4	2304106-004D	SFCMW-03	500PLNAOH ZNAC	Aqueous	4/3/2023 1:30:00 PM	1	Sulfide -04

6094 5469 9794

Sample Receipt Checklist

COC Seal Present/Intact: (Y) N — If Applicable
COC Signed/Accurate: Y N — VOA Zero Headspace: Y (N)
Bottles arrive intact: Y N — Pres.Correct/Check: Y N
Correct bottles used: Y N NS47
Sufficient volume sent: Y N
RAD Screen <0.5 mR/hr: (Y) N 2.1+0=23

SPECIAL INSTRUCTIONS / COMMENTS:

Please include the LAB ID and the CLIENT SAMPLE ID on all final reports. Please e-mail results to lab@hallenvironmental.com. Please return all coolers and blue ice. Thank you.

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	4/4/2023	11:11 AM	[signature] 10	4-5-23	9:00
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAT: Standard ☑ RUSH Next BD ☐ 2nd BD ☐ 3rd BD ☐

REPORT TRANSMITTAL DESIRED:
☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY

Temp of samples _____ ℃ Attempt to Cool ? _____

Comments: _____

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304106**

02-May-23

Client: EA Engineering

Project: SFCJC

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R95794**	RunNo: **95794**
Prep Date:	Analysis Date: **4/4/2023**	SeqNo: **3467418** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R95794**	RunNo: **95794**
Prep Date:	Analysis Date: **4/4/2023**	SeqNo: **3467419** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	0.93	0.10	1.000	0	93.2	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	94.8	90	110			
Sulfate	9.2	0.50	10.00	0	91.9	90	110			

Sample ID: **2304106-004BMS**	SampType: **ms**	TestCode: **EPA Method 300.0: Anions**
Client ID: **SFCMW-03**	Batch ID: **R95794**	RunNo: **95794**
Prep Date:	Analysis Date: **4/4/2023**	SeqNo: **3467441** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	4.6	0.50	5.000	0	91.9	83	110			
Nitrogen, Nitrate (As N)	19	0.50	12.50	6.747	98.7	89.8	110			
Sulfate	140	2.5	50.00	88.69	101	84.9	110			

Sample ID: **2304106-004BMSD**	SampType: **msd**	TestCode: **EPA Method 300.0: Anions**
Client ID: **SFCMW-03**	Batch ID: **R95794**	RunNo: **95794**
Prep Date:	Analysis Date: **4/4/2023**	SeqNo: **3467442** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	4.5	0.50	5.000	0	89.5	81	110	2.71	20	
Nitrogen, Nitrate (As N)	19	0.50	12.50	6.747	94.4	87.7	111	2.86	20	
Sulfate	130	2.5	50.00	88.69	92.4	84.9	111	3.03	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304106**

02-May-23

Client: EA Engineering

Project: SFCJC

Sample ID: **MB-74204**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **74204**	RunNo: **95927**
Prep Date: **4/10/2023**	Analysis Date: **4/11/2023**	SeqNo: **3473944** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID: **LCS-74204**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **74204**	RunNo: **95927**
Prep Date: **4/10/2023**	Analysis Date: **4/11/2023**	SeqNo: **3473968** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.10	0.010	0.1000	0	104	70	130			

Sample ID: **LCSD-74204**	SampType: **LCSD**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSS02**	Batch ID: **74204**	RunNo: **95927**
Prep Date: **4/10/2023**	Analysis Date: **4/11/2023**	SeqNo: **3473970** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.093	0.010	0.1000	0	93.2	70	130	11.4	20	

Sample ID: **MB-74204**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **74204**	RunNo: **95927**
Prep Date: **4/10/2023**	Analysis Date: **4/11/2023**	SeqNo: **3474064** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID: **LCS-74204**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **74204**	RunNo: **95927**
Prep Date: **4/10/2023**	Analysis Date: **4/11/2023**	SeqNo: **3474066** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.10	0.010	0.1000	0	103	70	130			

Sample ID: **LCSD-74204**	SampType: **LCSD**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSS02**	Batch ID: **74204**	RunNo: **95927**
Prep Date: **4/10/2023**	Analysis Date: **4/11/2023**	SeqNo: **3474068** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.093	0.010	0.1000	0	93.5	70	130	10.1	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304106**

02-May-23

Client: EA Engineering

Project: SFCJC

Sample ID: **MB-74351**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480133** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID: **MB-74351**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480134** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID: **LCS-74351**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480135** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.10	0.010	0.1000	0	105	70	130			

Sample ID: **LCS-74351**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480136** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.10	0.010	0.1000	0	102	70	130			

Sample ID: **LCSD-74351**	SampType: **LCSD**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSS02**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480137** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.13	0.010	0.1000	0	134	70	130	24.4	20	RS

Sample ID: **LCSD-74351**	SampType: **LCSD**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSS02**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480138** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.13	0.010	0.1000	0	132	70	130	25.1	20	RS

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304106**

02-May-23

Client: EA Engineering

Project: SFCJC

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R95931**	RunNo: **95931**
Prep Date:	Analysis Date: **4/11/2023**	SeqNo: **3474090** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	16	1.0	20.00	0	80.3	70	130			
Toluene	21	1.0	20.00	0	104	70	130			
Chlorobenzene	20	1.0	20.00	0	98.6	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	84.2	70	130			
Trichloroethene (TCE)	16	1.0	20.00	0	78.5	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	8.6		10.00		85.9	70	130			
Surr: Toluene-d8	11		10.00		108	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95931**	RunNo: **95931**
Prep Date:	Analysis Date: **4/11/2023**	SeqNo: **3474098** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2304106**
02-May-23

Client: EA Engineering
Project: SFCJC

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95931**	RunNo: **95931**
Prep Date:	Analysis Date: **4/11/2023**	SeqNo: **3474098** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2304106**
02-May-23

Client: EA Engineering
Project: SFCJC

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R95931**	RunNo: **95931**
Prep Date:	Analysis Date: **4/11/2023**	SeqNo: **3474098** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		111	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		111	70	130			
Surr: Dibromofluoromethane	9.2		10.00		91.9	70	130			
Surr: Toluene-d8	9.7		10.00		96.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2304106**
02-May-23

Client: EA Engineering
Project: SFCJC

Sample ID: **MB-A**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **A95848**	RunNo: **95848**
Prep Date:	Analysis Date: **4/6/2023**	SeqNo: **3470101** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	ND	0.020								
Manganese	ND	0.0020								

Sample ID: **LCS-A**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **A95848**	RunNo: **95848**
Prep Date:	Analysis Date: **4/6/2023**	SeqNo: **3470103** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	0.48	0.020	0.5000	0	95.7	80	120			
Manganese	0.48	0.0020	0.5000	0	95.2	80	120			

Sample ID: **2304106-001DMS**	SampType: **MS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **MW-15**	Batch ID: **A95848**	RunNo: **95848**
Prep Date:	Analysis Date: **4/6/2023**	SeqNo: **3470147** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	0.46	0.020	0.5000	0	91.7	75	125			

Sample ID: **2304106-001DMSD**	SampType: **MSD**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **MW-15**	Batch ID: **A95848**	RunNo: **95848**
Prep Date:	Analysis Date: **4/6/2023**	SeqNo: **3470148** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	0.47	0.020	0.5000	0	93.7	75	125	2.10	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: EA Engineering | Work Order Number: 2304106 | RcptNo: 1

Received By: Sean Livingston 4/4/2023 10:45:00 AM Sean Livingston

Completed By: Sean Livingston 4/4/2023 11:07:51 AM Sean Livingston

Reviewed By: KPG 4.4.23

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Client		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: 8 : 4
(<2 or >12 unless noted)
Adjusted? No
Checked by: MB 4/4/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: ____ Date: ____
By Whom: ____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: ____
Client Instructions: ____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.7	Good	Not Present	Morty		

Chain-of-Custody Record

Client: EA ENGINEERING

Mailing Address: 320 GOLD AVE SW SUITE 1300 ABQ, NM 87102

Phone #: 505-235-9037

email or Fax#: mmcvey@ecost.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: SFCJC

Project #: 6347006

Project Manager: M. MCVEY

Sampler: S. FINCH, E. ANDERMAN

On Ice: ☑ Yes ☐ No Morty

# of Coolers: 1

Cooler Temp (including CF): 0.4 +0.1 = 0.7 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2304106	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Cold (Fe, Mn)	SULFIDE
4-3-23	1140	A	MW-15		H_2SO_4	001				X			X	X			X	X
4-3-23	1115	A	SFCMW-07			002				X			X	X			X	X
4-3-23	1345	A	SFCMW-02			003							X	X			X	X
4-3-23	1330	A	SFCMW-03			004							X	X			X	X

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4-4-23	1045			COO	4/4/23	10:45
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 08, 2023

Mike McVey

EA Engineering
320 Gold Ave SW Suite 1210
Albuquerque, NM 87102
TEL: (505) 369-3149
FAX:

RE: SFCJC OrderNo.: 2304306

Dear Mike McVey:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/6/2023 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued April 19, 2023.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-6
Project: SFCJC
Collection Date: 4/5/2023 10:51:00 AM
Lab ID: 2304306-001
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS								Analyst: **JMT**
7727-37-9	Nitrogen, Nitrite (As N)	0.18	0.057	0.50	J	mg/L	5	4/7/2023 1:26:32 AM
7727-37-9	Nitrogen, Nitrate (As N)	0.86	0.10	0.50		mg/L	5	4/7/2023 1:26:32 AM
14808-79-8	Sulfate	100	1.2	2.5		mg/L	5	4/7/2023 1:26:32 AM
EPA METHOD 6010B: DISSOLVED METALS								Analyst: **JRR**
7439-89-6	Iron	8.7	0.17	0.20		mg/L	10	4/11/2023 1:42:21 PM
7439-96-5	Manganese	9.6	0.0032	0.020		mg/L	10	4/11/2023 1:42:21 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	ND	2.3	10		µg/L	10	4/13/2023 3:04:00 PM
108-88-3	Toluene	11	2.0	10		µg/L	10	4/13/2023 3:04:00 PM
100-41-4	Ethylbenzene	260	2.1	10		µg/L	10	4/13/2023 3:04:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	3.9	10		µg/L	10	4/13/2023 3:04:00 PM
95-63-6	1,2,4-Trimethylbenzene	830	1.2	10		µg/L	10	4/13/2023 3:04:00 PM
108-67-8	1,3,5-Trimethylbenzene	100	1.8	10		µg/L	10	4/13/2023 3:04:00 PM
107-06-2	1,2-Dichloroethane (EDC)	ND	3.0	10		µg/L	10	4/13/2023 3:04:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	3.0	10		µg/L	10	4/13/2023 3:04:00 PM
91-20-3	Naphthalene	170	2.4	20		µg/L	10	4/13/2023 3:04:00 PM
90-12-0	1-Methylnaphthalene	100	8.4	40		µg/L	10	4/13/2023 3:04:00 PM
91-57-6	2-Methylnaphthalene	47	6.9	40		µg/L	10	4/13/2023 3:04:00 PM
67-64-1	Acetone	ND	25	100		µg/L	10	4/13/2023 3:04:00 PM
108-86-1	Bromobenzene	ND	2.8	10		µg/L	10	4/13/2023 3:04:00 PM
75-27-4	Bromodichloromethane	ND	2.0	10		µg/L	10	4/13/2023 3:04:00 PM
75-25-2	Bromoform	ND	3.1	10		µg/L	10	4/13/2023 3:04:00 PM
74-83-9	Bromomethane	ND	8.5	30		µg/L	10	4/13/2023 3:04:00 PM
78-93-3	2-Butanone	ND	20	100		µg/L	10	4/13/2023 3:04:00 PM
75-15-0	Carbon disulfide	ND	5.9	100		µg/L	10	4/13/2023 3:04:00 PM
56-23-5	Carbon Tetrachloride	ND	1.8	10		µg/L	10	4/13/2023 3:04:00 PM
108-90-7	Chlorobenzene	ND	4.6	10		µg/L	10	4/13/2023 3:04:00 PM
75-00-3	Chloroethane	ND	3.8	20		µg/L	10	4/13/2023 3:04:00 PM
67-66-3	Chloroform	ND	1.3	10		µg/L	10	4/13/2023 3:04:00 PM
74-87-3	Chloromethane	ND	4.1	30		µg/L	10	4/13/2023 3:04:00 PM
95-49-8	2-Chlorotoluene	ND	1.3	10		µg/L	10	4/13/2023 3:04:00 PM
106-43-4	4-Chlorotoluene	ND	1.3	10		µg/L	10	4/13/2023 3:04:00 PM
156-59-2	cis-1,2-DCE	ND	3.9	10		µg/L	10	4/13/2023 3:04:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	10		µg/L	10	4/13/2023 3:04:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.9	20		µg/L	10	4/13/2023 3:04:00 PM
124-48-1	Dibromochloromethane	ND	2.8	10		µg/L	10	4/13/2023 3:04:00 PM
74-95-3	Dibromomethane	ND	3.1	10		µg/L	10	4/13/2023 3:04:00 PM
95-50-1	1,2-Dichlorobenzene	ND	1.5	10		µg/L	10	4/13/2023 3:04:00 PM
541-73-1	1,3-Dichlorobenzene	ND	1.6	10		µg/L	10	4/13/2023 3:04:00 PM
106-46-7	1,4-Dichlorobenzene	ND	1.0	10		µg/L	10	4/13/2023 3:04:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-6
Project: SFCJC
Collection Date: 4/5/2023 10:51:00 AM
Lab ID: 2304306-001
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
75-71-8	Dichlorodifluoromethane	ND	2.6	10		µg/L	10	4/13/2023 3:04:00 PM
75-34-3	1,1-Dichloroethane	ND	3.0	10		µg/L	10	4/13/2023 3:04:00 PM
75-35-4	1,1-Dichloroethene	ND	2.0	10		µg/L	10	4/13/2023 3:04:00 PM
78-87-5	1,2-Dichloropropane	ND	2.0	10		µg/L	10	4/13/2023 3:04:00 PM
142-28-9	1,3-Dichloropropane	ND	1.8	10		µg/L	10	4/13/2023 3:04:00 PM
594-20-7	2,2-Dichloropropane	ND	2.6	20		µg/L	10	4/13/2023 3:04:00 PM
563-58-6	1,1-Dichloropropene	ND	1.8	10		µg/L	10	4/13/2023 3:04:00 PM
87-68-3	Hexachlorobutadiene	ND	4.2	10		µg/L	10	4/13/2023 3:04:00 PM
591-78-6	2-Hexanone	ND	18	100		µg/L	10	4/13/2023 3:04:00 PM
98-82-8	Isopropylbenzene	48	1.8	10		µg/L	10	4/13/2023 3:04:00 PM
99-87-6	4-Isopropyltoluene	5.0	2.0	10	J	µg/L	10	4/13/2023 3:04:00 PM
108-10-1	4-Methyl-2-pentanone	ND	6.7	100		µg/L	10	4/13/2023 3:04:00 PM
75-09-2	Methylene Chloride	ND	5.0	30		µg/L	10	4/13/2023 3:04:00 PM
104-51-8	n-Butylbenzene	20	1.3	30	J	µg/L	10	4/13/2023 3:04:00 PM
103-65-1	n-Propylbenzene	88	1.1	10		µg/L	10	4/13/2023 3:04:00 PM
135-98-8	sec-Butylbenzene	12	1.4	10		µg/L	10	4/13/2023 3:04:00 PM
100-42-5	Styrene	2.5	1.4	10	J	µg/L	10	4/13/2023 3:04:00 PM
98-06-6	tert-Butylbenzene	ND	2.4	10		µg/L	10	4/13/2023 3:04:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	10		µg/L	10	4/13/2023 3:04:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	20		µg/L	10	4/13/2023 3:04:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	1.8	10		µg/L	10	4/13/2023 3:04:00 PM
156-60-5	trans-1,2-DCE	ND	1.9	10		µg/L	10	4/13/2023 3:04:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	3.4	10		µg/L	10	4/13/2023 3:04:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	10		µg/L	10	4/13/2023 3:04:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	10		µg/L	10	4/13/2023 3:04:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.81	10		µg/L	10	4/13/2023 3:04:00 PM
79-00-5	1,1,2-Trichloroethane	ND	2.0	10		µg/L	10	4/13/2023 3:04:00 PM
79-01-6	Trichloroethene (TCE)	ND	2.0	10		µg/L	10	4/13/2023 3:04:00 PM
75-69-4	Trichlorofluoromethane	ND	1.6	10		µg/L	10	4/13/2023 3:04:00 PM
96-18-4	1,2,3-Trichloropropane	ND	1.6	20		µg/L	10	4/13/2023 3:04:00 PM
75-01-4	Vinyl chloride	ND	3.2	10		µg/L	10	4/13/2023 3:04:00 PM
1330-20-7	Xylenes, Total	760	3.7	15		µg/L	10	4/13/2023 3:04:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	84.1	0	70-130		%Rec	10	4/13/2023 3:04:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	96.9	0	70-130		%Rec	10	4/13/2023 3:04:00 PM
1868-53-7	Surr: Dibromofluoromethane	90.2	0	70-130		%Rec	10	4/13/2023 3:04:00 PM
2037-26-5	Surr: Toluene-d8	97.8	0	70-130		%Rec	10	4/13/2023 3:04:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-01
Project: SFCJC
Collection Date: 4/5/2023 12:40:00 PM
Lab ID: 2304306-002 **Matrix:** AQUEOUS **Received Date:** 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS								Analyst: **JMT**
7727-37-9	Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/7/2023 1:51:13 AM
7727-37-9	Nitrogen, Nitrate (As N)	0.44	0.10	0.50	J	mg/L	5	4/7/2023 1:51:13 AM
14808-79-8	Sulfate	70	1.2	2.5		mg/L	5	4/7/2023 1:51:13 AM
EPA METHOD 6010B: DISSOLVED METALS								Analyst: **JRR**
7439-89-6	Iron	1.1	0.17	0.20		mg/L	10	4/11/2023 1:48:09 PM
7439-96-5	Manganese	6.9	0.0032	0.020		mg/L	10	4/11/2023 1:48:09 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	ND	1.1	5.0		µg/L	5	4/13/2023 3:28:00 PM
108-88-3	Toluene	1.2	1.0	5.0	J	µg/L	5	4/13/2023 3:28:00 PM
100-41-4	Ethylbenzene	57	1.1	5.0		µg/L	5	4/13/2023 3:28:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	2.0	5.0		µg/L	5	4/13/2023 3:28:00 PM
95-63-6	1,2,4-Trimethylbenzene	340	0.61	5.0		µg/L	5	4/13/2023 3:28:00 PM
108-67-8	1,3,5-Trimethylbenzene	1.0	0.91	5.0	J	µg/L	5	4/13/2023 3:28:00 PM
107-06-2	1,2-Dichloroethane (EDC)	ND	1.5	5.0		µg/L	5	4/13/2023 3:28:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	1.5	5.0		µg/L	5	4/13/2023 3:28:00 PM
91-20-3	Naphthalene	21	1.2	10		µg/L	5	4/13/2023 3:28:00 PM
90-12-0	1-Methylnaphthalene	450	4.2	20		µg/L	5	4/13/2023 3:28:00 PM
91-57-6	2-Methylnaphthalene	21	3.5	20		µg/L	5	4/13/2023 3:28:00 PM
67-64-1	Acetone	ND	13	50		µg/L	5	4/13/2023 3:28:00 PM
108-86-1	Bromobenzene	ND	1.4	5.0		µg/L	5	4/13/2023 3:28:00 PM
75-27-4	Bromodichloromethane	ND	1.0	5.0		µg/L	5	4/13/2023 3:28:00 PM
75-25-2	Bromoform	ND	1.6	5.0		µg/L	5	4/13/2023 3:28:00 PM
74-83-9	Bromomethane	ND	4.3	15		µg/L	5	4/13/2023 3:28:00 PM
78-93-3	2-Butanone	ND	10	50		µg/L	5	4/13/2023 3:28:00 PM
75-15-0	Carbon disulfide	ND	3.0	50		µg/L	5	4/13/2023 3:28:00 PM
56-23-5	Carbon Tetrachloride	ND	0.88	5.0		µg/L	5	4/13/2023 3:28:00 PM
108-90-7	Chlorobenzene	ND	2.3	5.0		µg/L	5	4/13/2023 3:28:00 PM
75-00-3	Chloroethane	ND	1.9	10		µg/L	5	4/13/2023 3:28:00 PM
67-66-3	Chloroform	ND	0.67	5.0		µg/L	5	4/13/2023 3:28:00 PM
74-87-3	Chloromethane	ND	2.1	15		µg/L	5	4/13/2023 3:28:00 PM
95-49-8	2-Chlorotoluene	ND	0.66	5.0		µg/L	5	4/13/2023 3:28:00 PM
106-43-4	4-Chlorotoluene	ND	0.67	5.0		µg/L	5	4/13/2023 3:28:00 PM
156-59-2	cis-1,2-DCE	ND	1.9	5.0		µg/L	5	4/13/2023 3:28:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	0.58	5.0		µg/L	5	4/13/2023 3:28:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	10		µg/L	5	4/13/2023 3:28:00 PM
124-48-1	Dibromochloromethane	ND	1.4	5.0		µg/L	5	4/13/2023 3:28:00 PM
74-95-3	Dibromomethane	ND	1.5	5.0		µg/L	5	4/13/2023 3:28:00 PM
95-50-1	1,2-Dichlorobenzene	ND	0.77	5.0		µg/L	5	4/13/2023 3:28:00 PM
541-73-1	1,3-Dichlorobenzene	ND	0.81	5.0		µg/L	5	4/13/2023 3:28:00 PM
106-46-7	1,4-Dichlorobenzene	ND	0.52	5.0		µg/L	5	4/13/2023 3:28:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-01
Project: SFCJC
Collection Date: 4/5/2023 12:40:00 PM
Lab ID: 2304306-002
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
75-71-8	Dichlorodifluoromethane	ND	1.3	5.0		µg/L	5	4/13/2023 3:28:00 PM
75-34-3	1,1-Dichloroethane	ND	1.5	5.0		µg/L	5	4/13/2023 3:28:00 PM
75-35-4	1,1-Dichloroethene	ND	1.0	5.0		µg/L	5	4/13/2023 3:28:00 PM
78-87-5	1,2-Dichloropropane	ND	1.0	5.0		µg/L	5	4/13/2023 3:28:00 PM
142-28-9	1,3-Dichloropropane	ND	0.90	5.0		µg/L	5	4/13/2023 3:28:00 PM
594-20-7	2,2-Dichloropropane	ND	1.3	10		µg/L	5	4/13/2023 3:28:00 PM
563-58-6	1,1-Dichloropropene	ND	0.90	5.0		µg/L	5	4/13/2023 3:28:00 PM
87-68-3	Hexachlorobutadiene	ND	2.1	5.0		µg/L	5	4/13/2023 3:28:00 PM
591-78-6	2-Hexanone	14	9.0	50	J	µg/L	5	4/13/2023 3:28:00 PM
98-82-8	Isopropylbenzene	14	0.91	5.0		µg/L	5	4/13/2023 3:28:00 PM
99-87-6	4-Isopropyltoluene	6.0	1.0	5.0		µg/L	5	4/13/2023 3:28:00 PM
108-10-1	4-Methyl-2-pentanone	15	3.4	50	J	µg/L	5	4/13/2023 3:28:00 PM
75-09-2	Methylene Chloride	ND	2.5	15		µg/L	5	4/13/2023 3:28:00 PM
104-51-8	n-Butylbenzene	8.1	0.63	15	J	µg/L	5	4/13/2023 3:28:00 PM
103-65-1	n-Propylbenzene	32	0.55	5.0		µg/L	5	4/13/2023 3:28:00 PM
135-98-8	sec-Butylbenzene	5.7	0.72	5.0		µg/L	5	4/13/2023 3:28:00 PM
100-42-5	Styrene	0.71	0.68	5.0	J	µg/L	5	4/13/2023 3:28:00 PM
98-06-6	tert-Butylbenzene	ND	1.2	5.0		µg/L	5	4/13/2023 3:28:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.3	5.0		µg/L	5	4/13/2023 3:28:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	10		µg/L	5	4/13/2023 3:28:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	0.89	5.0		µg/L	5	4/13/2023 3:28:00 PM
156-60-5	trans-1,2-DCE	ND	0.97	5.0		µg/L	5	4/13/2023 3:28:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	5.0		µg/L	5	4/13/2023 3:28:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	1.2	5.0		µg/L	5	4/13/2023 3:28:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	1.2	5.0		µg/L	5	4/13/2023 3:28:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.41	5.0		µg/L	5	4/13/2023 3:28:00 PM
79-00-5	1,1,2-Trichloroethane	ND	0.99	5.0		µg/L	5	4/13/2023 3:28:00 PM
79-01-6	Trichloroethene (TCE)	2.0	1.0	5.0	J	µg/L	5	4/13/2023 3:28:00 PM
75-69-4	Trichlorofluoromethane	ND	0.79	5.0		µg/L	5	4/13/2023 3:28:00 PM
96-18-4	1,2,3-Trichloropropane	ND	0.80	10		µg/L	5	4/13/2023 3:28:00 PM
75-01-4	Vinyl chloride	ND	1.6	5.0		µg/L	5	4/13/2023 3:28:00 PM
1330-20-7	Xylenes, Total	16	1.9	7.5		µg/L	5	4/13/2023 3:28:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	82.0	0	70-130		%Rec	5	4/13/2023 3:28:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	94.8	0	70-130		%Rec	5	4/13/2023 3:28:00 PM
1868-53-7	Surr: Dibromofluoromethane	88.2	0	70-130		%Rec	5	4/13/2023 3:28:00 PM
2037-26-5	Surr: Toluene-d8	101	0	70-130		%Rec	5	4/13/2023 3:28:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-10
Project: SFCJC
Collection Date: 4/5/2023 11:35:00 AM
Lab ID: 2304306-003
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS								Analyst: **JMT**
7727-37-9	Nitrogen, Nitrite (As N)	0.54	0.057	0.50		mg/L	5	4/7/2023 2:15:55 AM
7727-37-9	Nitrogen, Nitrate (As N)	6.7	0.10	0.50		mg/L	5	4/7/2023 2:15:55 AM
14808-79-8	Sulfate	100	1.2	2.5		mg/L	5	4/7/2023 2:15:55 AM
EPA METHOD 6010B: DISSOLVED METALS								Analyst: **JRR**
7439-89-6	Iron	0.11	0.017	0.020		mg/L	1	4/11/2023 1:51:03 PM
7439-96-5	Manganese	8.7	0.0032	0.020		mg/L	10	4/11/2023 1:54:04 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	14	2.3	10		µg/L	10	4/13/2023 4:17:00 PM
108-88-3	Toluene	ND	2.0	10		µg/L	10	4/13/2023 4:17:00 PM
100-41-4	Ethylbenzene	ND	2.1	10		µg/L	10	4/13/2023 4:17:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	3.9	10		µg/L	10	4/13/2023 4:17:00 PM
95-63-6	1,2,4-Trimethylbenzene	32	1.2	10		µg/L	10	4/13/2023 4:17:00 PM
108-67-8	1,3,5-Trimethylbenzene	3.8	1.8	10	J	µg/L	10	4/13/2023 4:17:00 PM
107-06-2	1,2-Dichloroethane (EDC)	ND	3.0	10		µg/L	10	4/13/2023 4:17:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	3.0	10		µg/L	10	4/13/2023 4:17:00 PM
91-20-3	Naphthalene	170	2.4	20		µg/L	10	4/13/2023 4:17:00 PM
90-12-0	1-Methylnaphthalene	2300	84	400		µg/L	100	4/13/2023 3:52:00 PM
91-57-6	2-Methylnaphthalene	1700	69	400		µg/L	100	4/13/2023 3:52:00 PM
67-64-1	Acetone	ND	25	100		µg/L	10	4/13/2023 4:17:00 PM
108-86-1	Bromobenzene	ND	2.8	10		µg/L	10	4/13/2023 4:17:00 PM
75-27-4	Bromodichloromethane	ND	2.0	10		µg/L	10	4/13/2023 4:17:00 PM
75-25-2	Bromoform	ND	3.1	10		µg/L	10	4/13/2023 4:17:00 PM
74-83-9	Bromomethane	ND	8.5	30		µg/L	10	4/13/2023 4:17:00 PM
78-93-3	2-Butanone	ND	20	100		µg/L	10	4/13/2023 4:17:00 PM
75-15-0	Carbon disulfide	ND	5.9	100		µg/L	10	4/13/2023 4:17:00 PM
56-23-5	Carbon Tetrachloride	ND	1.8	10		µg/L	10	4/13/2023 4:17:00 PM
108-90-7	Chlorobenzene	ND	4.6	10		µg/L	10	4/13/2023 4:17:00 PM
75-00-3	Chloroethane	ND	3.8	20		µg/L	10	4/13/2023 4:17:00 PM
67-66-3	Chloroform	ND	1.3	10		µg/L	10	4/13/2023 4:17:00 PM
74-87-3	Chloromethane	ND	4.1	30		µg/L	10	4/13/2023 4:17:00 PM
95-49-8	2-Chlorotoluene	ND	1.3	10		µg/L	10	4/13/2023 4:17:00 PM
106-43-4	4-Chlorotoluene	ND	1.3	10		µg/L	10	4/13/2023 4:17:00 PM
156-59-2	cis-1,2-DCE	ND	3.9	10		µg/L	10	4/13/2023 4:17:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	10		µg/L	10	4/13/2023 4:17:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.9	20		µg/L	10	4/13/2023 4:17:00 PM
124-48-1	Dibromochloromethane	ND	2.8	10		µg/L	10	4/13/2023 4:17:00 PM
74-95-3	Dibromomethane	ND	3.1	10		µg/L	10	4/13/2023 4:17:00 PM
95-50-1	1,2-Dichlorobenzene	ND	1.5	10		µg/L	10	4/13/2023 4:17:00 PM
541-73-1	1,3-Dichlorobenzene	ND	1.6	10		µg/L	10	4/13/2023 4:17:00 PM
106-46-7	1,4-Dichlorobenzene	ND	1.0	10		µg/L	10	4/13/2023 4:17:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SFCMW-10
Project: SFCJC
Collection Date: 4/5/2023 11:35:00 AM
Lab ID: 2304306-003
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
75-71-8	Dichlorodifluoromethane	ND	2.6	10		µg/L	10	4/13/2023 4:17:00 PM
75-34-3	1,1-Dichloroethane	ND	3.0	10		µg/L	10	4/13/2023 4:17:00 PM
75-35-4	1,1-Dichloroethene	ND	2.0	10		µg/L	10	4/13/2023 4:17:00 PM
78-87-5	1,2-Dichloropropane	ND	2.0	10		µg/L	10	4/13/2023 4:17:00 PM
142-28-9	1,3-Dichloropropane	ND	1.8	10		µg/L	10	4/13/2023 4:17:00 PM
594-20-7	2,2-Dichloropropane	ND	2.6	20		µg/L	10	4/13/2023 4:17:00 PM
563-58-6	1,1-Dichloropropene	ND	1.8	10		µg/L	10	4/13/2023 4:17:00 PM
87-68-3	Hexachlorobutadiene	ND	4.2	10		µg/L	10	4/13/2023 4:17:00 PM
591-78-6	2-Hexanone	ND	18	100		µg/L	10	4/13/2023 4:17:00 PM
98-82-8	Isopropylbenzene	ND	1.8	10		µg/L	10	4/13/2023 4:17:00 PM
99-87-6	4-Isopropyltoluene	2.2	2.0	10	J	µg/L	10	4/13/2023 4:17:00 PM
108-10-1	4-Methyl-2-pentanone	ND	6.7	100		µg/L	10	4/13/2023 4:17:00 PM
75-09-2	Methylene Chloride	ND	5.0	30		µg/L	10	4/13/2023 4:17:00 PM
104-51-8	n-Butylbenzene	1.9	1.3	30	J	µg/L	10	4/13/2023 4:17:00 PM
103-65-1	n-Propylbenzene	ND	1.1	10		µg/L	10	4/13/2023 4:17:00 PM
135-98-8	sec-Butylbenzene	ND	1.4	10		µg/L	10	4/13/2023 4:17:00 PM
100-42-5	Styrene	ND	1.4	10		µg/L	10	4/13/2023 4:17:00 PM
98-06-6	tert-Butylbenzene	ND	2.4	10		µg/L	10	4/13/2023 4:17:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	10		µg/L	10	4/13/2023 4:17:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	20		µg/L	10	4/13/2023 4:17:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	1.8	10		µg/L	10	4/13/2023 4:17:00 PM
156-60-5	trans-1,2-DCE	ND	1.9	10		µg/L	10	4/13/2023 4:17:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	3.4	10		µg/L	10	4/13/2023 4:17:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	10		µg/L	10	4/13/2023 4:17:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	10		µg/L	10	4/13/2023 4:17:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.81	10		µg/L	10	4/13/2023 4:17:00 PM
79-00-5	1,1,2-Trichloroethane	ND	2.0	10		µg/L	10	4/13/2023 4:17:00 PM
79-01-6	Trichloroethene (TCE)	ND	2.0	10		µg/L	10	4/13/2023 4:17:00 PM
75-69-4	Trichlorofluoromethane	ND	1.6	10		µg/L	10	4/13/2023 4:17:00 PM
96-18-4	1,2,3-Trichloropropane	ND	1.6	20		µg/L	10	4/13/2023 4:17:00 PM
75-01-4	Vinyl chloride	ND	3.2	10		µg/L	10	4/13/2023 4:17:00 PM
1330-20-7	Xylenes, Total	20	3.7	15		µg/L	10	4/13/2023 4:17:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	84.9	0	70-130		%Rec	10	4/13/2023 4:17:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	91.9	0	70-130		%Rec	10	4/13/2023 4:17:00 PM
1868-53-7	Surr: Dibromofluoromethane	87.1	0	70-130		%Rec	10	4/13/2023 4:17:00 PM
2037-26-5	Surr: Toluene-d8	97.7	0	70-130		%Rec	10	4/13/2023 4:17:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SVE-1
Project: SFCJC
Collection Date: 4/5/2023 1:57:00 PM
Lab ID: 2304306-004
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS								Analyst: **JMT**
7727-37-9	Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/7/2023 2:40:37 AM
7727-37-9	Nitrogen, Nitrate (As N)	1.4	0.10	0.50		mg/L	5	4/7/2023 2:40:37 AM
14808-79-8	Sulfate	35	1.2	2.5		mg/L	5	4/7/2023 2:40:37 AM
EPA METHOD 6010B: DISSOLVED METALS								Analyst: **JRR**
7439-89-6	Iron	0.29	0.017	0.020		mg/L	1	4/11/2023 2:04:59 PM
7439-96-5	Manganese	2.3	0.0032	0.020		mg/L	10	4/11/2023 2:08:29 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	ND	0.23	1.0		µg/L	1	4/13/2023 5:05:00 PM
108-88-3	Toluene	ND	0.20	1.0		µg/L	1	4/13/2023 5:05:00 PM
100-41-4	Ethylbenzene	0.36	0.21	1.0	J	µg/L	1	4/13/2023 5:05:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	0.39	1.0		µg/L	1	4/13/2023 5:05:00 PM
95-63-6	1,2,4-Trimethylbenzene	34	0.12	1.0		µg/L	1	4/13/2023 5:05:00 PM
108-67-8	1,3,5-Trimethylbenzene	0.78	0.18	1.0	J	µg/L	1	4/13/2023 5:05:00 PM
107-06-2	1,2-Dichloroethane (EDC)	ND	0.30	1.0		µg/L	1	4/13/2023 5:05:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	0.30	1.0		µg/L	1	4/13/2023 5:05:00 PM
91-20-3	Naphthalene	2.7	0.24	2.0		µg/L	1	4/13/2023 5:05:00 PM
90-12-0	1-Methylnaphthalene	12	0.84	4.0		µg/L	1	4/13/2023 5:05:00 PM
91-57-6	2-Methylnaphthalene	3.9	0.69	4.0	J	µg/L	1	4/13/2023 5:05:00 PM
67-64-1	Acetone	3.8	2.5	10	J	µg/L	1	4/13/2023 5:05:00 PM
108-86-1	Bromobenzene	ND	0.28	1.0		µg/L	1	4/13/2023 5:05:00 PM
75-27-4	Bromodichloromethane	ND	0.20	1.0		µg/L	1	4/13/2023 5:05:00 PM
75-25-2	Bromoform	ND	0.31	1.0		µg/L	1	4/13/2023 5:05:00 PM
74-83-9	Bromomethane	ND	0.85	3.0		µg/L	1	4/13/2023 5:05:00 PM
78-93-3	2-Butanone	ND	2.0	10		µg/L	1	4/13/2023 5:05:00 PM
75-15-0	Carbon disulfide	ND	0.59	10		µg/L	1	4/13/2023 5:05:00 PM
56-23-5	Carbon Tetrachloride	ND	0.18	1.0		µg/L	1	4/13/2023 5:05:00 PM
108-90-7	Chlorobenzene	ND	0.46	1.0		µg/L	1	4/13/2023 5:05:00 PM
75-00-3	Chloroethane	ND	0.38	2.0		µg/L	1	4/13/2023 5:05:00 PM
67-66-3	Chloroform	ND	0.13	1.0		µg/L	1	4/13/2023 5:05:00 PM
74-87-3	Chloromethane	ND	0.41	3.0		µg/L	1	4/13/2023 5:05:00 PM
95-49-8	2-Chlorotoluene	0.45	0.13	1.0	J	µg/L	1	4/13/2023 5:05:00 PM
106-43-4	4-Chlorotoluene	ND	0.13	1.0		µg/L	1	4/13/2023 5:05:00 PM
156-59-2	cis-1,2-DCE	ND	0.39	1.0		µg/L	1	4/13/2023 5:05:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	0.12	1.0		µg/L	1	4/13/2023 5:05:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.59	2.0		µg/L	1	4/13/2023 5:05:00 PM
124-48-1	Dibromochloromethane	ND	0.28	1.0		µg/L	1	4/13/2023 5:05:00 PM
74-95-3	Dibromomethane	ND	0.31	1.0		µg/L	1	4/13/2023 5:05:00 PM
95-50-1	1,2-Dichlorobenzene	ND	0.15	1.0		µg/L	1	4/13/2023 5:05:00 PM
541-73-1	1,3-Dichlorobenzene	ND	0.16	1.0		µg/L	1	4/13/2023 5:05:00 PM
106-46-7	1,4-Dichlorobenzene	ND	0.10	1.0		µg/L	1	4/13/2023 5:05:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SVE-1
Project: SFCJC
Collection Date: 4/5/2023 1:57:00 PM
Lab ID: 2304306-004
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
75-71-8	Dichlorodifluoromethane	ND	0.26	1.0		µg/L	1	4/13/2023 5:05:00 PM
75-34-3	1,1-Dichloroethane	ND	0.30	1.0		µg/L	1	4/13/2023 5:05:00 PM
75-35-4	1,1-Dichloroethene	ND	0.20	1.0		µg/L	1	4/13/2023 5:05:00 PM
78-87-5	1,2-Dichloropropane	ND	0.20	1.0		µg/L	1	4/13/2023 5:05:00 PM
142-28-9	1,3-Dichloropropane	ND	0.18	1.0		µg/L	1	4/13/2023 5:05:00 PM
594-20-7	2,2-Dichloropropane	ND	0.26	2.0		µg/L	1	4/13/2023 5:05:00 PM
563-58-6	1,1-Dichloropropene	ND	0.18	1.0		µg/L	1	4/13/2023 5:05:00 PM
87-68-3	Hexachlorobutadiene	ND	0.42	1.0		µg/L	1	4/13/2023 5:05:00 PM
591-78-6	2-Hexanone	ND	1.8	10		µg/L	1	4/13/2023 5:05:00 PM
98-82-8	Isopropylbenzene	1.4	0.18	1.0		µg/L	1	4/13/2023 5:05:00 PM
99-87-6	4-Isopropyltoluene	0.51	0.20	1.0	J	µg/L	1	4/13/2023 5:05:00 PM
108-10-1	4-Methyl-2-pentanone	ND	0.67	10		µg/L	1	4/13/2023 5:05:00 PM
75-09-2	Methylene Chloride	ND	0.50	3.0		µg/L	1	4/13/2023 5:05:00 PM
104-51-8	n-Butylbenzene	1.2	0.13	3.0	J	µg/L	1	4/13/2023 5:05:00 PM
103-65-1	n-Propylbenzene	2.5	0.11	1.0		µg/L	1	4/13/2023 5:05:00 PM
135-98-8	sec-Butylbenzene	2.8	0.14	1.0		µg/L	1	4/13/2023 5:05:00 PM
100-42-5	Styrene	ND	0.14	1.0		µg/L	1	4/13/2023 5:05:00 PM
98-06-6	tert-Butylbenzene	ND	0.24	1.0		µg/L	1	4/13/2023 5:05:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.27	1.0		µg/L	1	4/13/2023 5:05:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.27	2.0		µg/L	1	4/13/2023 5:05:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	0.18	1.0		µg/L	1	4/13/2023 5:05:00 PM
156-60-5	trans-1,2-DCE	ND	0.19	1.0		µg/L	1	4/13/2023 5:05:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	0.34	1.0		µg/L	1	4/13/2023 5:05:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	0.25	1.0		µg/L	1	4/13/2023 5:05:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	0.24	1.0		µg/L	1	4/13/2023 5:05:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.081	1.0		µg/L	1	4/13/2023 5:05:00 PM
79-00-5	1,1,2-Trichloroethane	0.21	0.20	1.0	J	µg/L	1	4/13/2023 5:05:00 PM
79-01-6	Trichloroethene (TCE)	ND	0.20	1.0		µg/L	1	4/13/2023 5:05:00 PM
75-69-4	Trichlorofluoromethane	ND	0.16	1.0		µg/L	1	4/13/2023 5:05:00 PM
96-18-4	1,2,3-Trichloropropane	ND	0.16	2.0		µg/L	1	4/13/2023 5:05:00 PM
75-01-4	Vinyl chloride	ND	0.32	1.0		µg/L	1	4/13/2023 5:05:00 PM
1330-20-7	Xylenes, Total	3.8	0.37	1.5		µg/L	1	4/13/2023 5:05:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	80.6	0	70-130		%Rec	1	4/13/2023 5:05:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	95.2	0	70-130		%Rec	1	4/13/2023 5:05:00 PM
1868-53-7	Surr: Dibromofluoromethane	86.1	0	70-130		%Rec	1	4/13/2023 5:05:00 PM
2037-26-5	Surr: Toluene-d8	98.9	0	70-130		%Rec	1	4/13/2023 5:05:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SVE-3
Project: SFCJC
Collection Date: 4/5/2023 1:21:00 PM
Lab ID: 2304306-005 **Matrix:** AQUEOUS **Received Date:** 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS								Analyst: **JMT**
7727-37-9	Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/7/2023 3:05:18 AM
7727-37-9	Nitrogen, Nitrate (As N)	1.1	0.10	0.50		mg/L	5	4/7/2023 3:05:18 AM
14808-79-8	Sulfate	57	1.2	2.5		mg/L	5	4/7/2023 3:05:18 AM
EPA METHOD 6010B: DISSOLVED METALS								Analyst: **JRR**
7439-89-6	Iron	0.74	0.017	0.020		mg/L	1	4/11/2023 2:11:25 PM
7439-96-5	Manganese	3.1	0.0032	0.020		mg/L	10	4/11/2023 2:14:14 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	ND	2.3	10		µg/L	10	4/13/2023 5:54:00 PM
108-88-3	Toluene	10	2.0	10		µg/L	10	4/13/2023 5:54:00 PM
100-41-4	Ethylbenzene	78	2.1	10		µg/L	10	4/13/2023 5:54:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	3.9	10		µg/L	10	4/13/2023 5:54:00 PM
95-63-6	1,2,4-Trimethylbenzene	850	12	100		µg/L	100	4/13/2023 5:30:00 PM
108-67-8	1,3,5-Trimethylbenzene	87	1.8	10		µg/L	10	4/13/2023 5:54:00 PM
107-06-2	1,2-Dichloroethane (EDC)	ND	3.0	10		µg/L	10	4/13/2023 5:54:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	3.0	10		µg/L	10	4/13/2023 5:54:00 PM
91-20-3	Naphthalene	190	2.4	20		µg/L	10	4/13/2023 5:54:00 PM
90-12-0	1-Methylnaphthalene	460	8.4	40		µg/L	10	4/13/2023 5:54:00 PM
91-57-6	2-Methylnaphthalene	160	6.9	40		µg/L	10	4/13/2023 5:54:00 PM
67-64-1	Acetone	ND	25	100		µg/L	10	4/13/2023 5:54:00 PM
108-86-1	Bromobenzene	ND	2.8	10		µg/L	10	4/13/2023 5:54:00 PM
75-27-4	Bromodichloromethane	2.2	2.0	10	J	µg/L	10	4/13/2023 5:54:00 PM
75-25-2	Bromoform	ND	3.1	10		µg/L	10	4/13/2023 5:54:00 PM
74-83-9	Bromomethane	ND	8.5	30		µg/L	10	4/13/2023 5:54:00 PM
78-93-3	2-Butanone	ND	20	100		µg/L	10	4/13/2023 5:54:00 PM
75-15-0	Carbon disulfide	ND	5.9	100		µg/L	10	4/13/2023 5:54:00 PM
56-23-5	Carbon Tetrachloride	ND	1.8	10		µg/L	10	4/13/2023 5:54:00 PM
108-90-7	Chlorobenzene	ND	4.6	10		µg/L	10	4/13/2023 5:54:00 PM
75-00-3	Chloroethane	ND	3.8	20		µg/L	10	4/13/2023 5:54:00 PM
67-66-3	Chloroform	ND	1.3	10		µg/L	10	4/13/2023 5:54:00 PM
74-87-3	Chloromethane	ND	4.1	30		µg/L	10	4/13/2023 5:54:00 PM
95-49-8	2-Chlorotoluene	ND	1.3	10		µg/L	10	4/13/2023 5:54:00 PM
106-43-4	4-Chlorotoluene	ND	1.3	10		µg/L	10	4/13/2023 5:54:00 PM
156-59-2	cis-1,2-DCE	ND	3.9	10		µg/L	10	4/13/2023 5:54:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	10		µg/L	10	4/13/2023 5:54:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	6.7	5.9	20	J	µg/L	10	4/13/2023 5:54:00 PM
124-48-1	Dibromochloromethane	ND	2.8	10		µg/L	10	4/13/2023 5:54:00 PM
74-95-3	Dibromomethane	ND	3.1	10		µg/L	10	4/13/2023 5:54:00 PM
95-50-1	1,2-Dichlorobenzene	ND	1.5	10		µg/L	10	4/13/2023 5:54:00 PM
541-73-1	1,3-Dichlorobenzene	ND	1.6	10		µg/L	10	4/13/2023 5:54:00 PM
106-46-7	1,4-Dichlorobenzene	ND	1.0	10		µg/L	10	4/13/2023 5:54:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SVE-3
Project: SFCJC
Collection Date: 4/5/2023 1:21:00 PM
Lab ID: 2304306-005
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
75-71-8	Dichlorodifluoromethane	ND	2.6	10		µg/L	10	4/13/2023 5:54:00 PM
75-34-3	1,1-Dichloroethane	ND	3.0	10		µg/L	10	4/13/2023 5:54:00 PM
75-35-4	1,1-Dichloroethene	ND	2.0	10		µg/L	10	4/13/2023 5:54:00 PM
78-87-5	1,2-Dichloropropane	ND	2.0	10		µg/L	10	4/13/2023 5:54:00 PM
142-28-9	1,3-Dichloropropane	ND	1.8	10		µg/L	10	4/13/2023 5:54:00 PM
594-20-7	2,2-Dichloropropane	ND	2.6	20		µg/L	10	4/13/2023 5:54:00 PM
563-58-6	1,1-Dichloropropene	ND	1.8	10		µg/L	10	4/13/2023 5:54:00 PM
87-68-3	Hexachlorobutadiene	ND	4.2	10		µg/L	10	4/13/2023 5:54:00 PM
591-78-6	2-Hexanone	ND	18	100		µg/L	10	4/13/2023 5:54:00 PM
98-82-8	Isopropylbenzene	34	1.8	10		µg/L	10	4/13/2023 5:54:00 PM
99-87-6	4-Isopropyltoluene	15	2.0	10		µg/L	10	4/13/2023 5:54:00 PM
108-10-1	4-Methyl-2-pentanone	27	6.7	100	J	µg/L	10	4/13/2023 5:54:00 PM
75-09-2	Methylene Chloride	ND	5.0	30		µg/L	10	4/13/2023 5:54:00 PM
104-51-8	n-Butylbenzene	48	1.3	30		µg/L	10	4/13/2023 5:54:00 PM
103-65-1	n-Propylbenzene	70	1.1	10		µg/L	10	4/13/2023 5:54:00 PM
135-98-8	sec-Butylbenzene	23	1.4	10		µg/L	10	4/13/2023 5:54:00 PM
100-42-5	Styrene	6.0	1.4	10	J	µg/L	10	4/13/2023 5:54:00 PM
98-06-6	tert-Butylbenzene	ND	2.4	10		µg/L	10	4/13/2023 5:54:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	10		µg/L	10	4/13/2023 5:54:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	20		µg/L	10	4/13/2023 5:54:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	1.8	10		µg/L	10	4/13/2023 5:54:00 PM
156-60-5	trans-1,2-DCE	ND	1.9	10		µg/L	10	4/13/2023 5:54:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	3.4	10		µg/L	10	4/13/2023 5:54:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	10		µg/L	10	4/13/2023 5:54:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	10		µg/L	10	4/13/2023 5:54:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.81	10		µg/L	10	4/13/2023 5:54:00 PM
79-00-5	1,1,2-Trichloroethane	2.6	2.0	10	J	µg/L	10	4/13/2023 5:54:00 PM
79-01-6	Trichloroethene (TCE)	ND	2.0	10		µg/L	10	4/13/2023 5:54:00 PM
75-69-4	Trichlorofluoromethane	ND	1.6	10		µg/L	10	4/13/2023 5:54:00 PM
96-18-4	1,2,3-Trichloropropane	ND	1.6	20		µg/L	10	4/13/2023 5:54:00 PM
75-01-4	Vinyl chloride	ND	3.2	10		µg/L	10	4/13/2023 5:54:00 PM
1330-20-7	Xylenes, Total	340	3.7	15		µg/L	10	4/13/2023 5:54:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	78.8	0	70-130		%Rec	10	4/13/2023 5:54:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	96.1	0	70-130		%Rec	10	4/13/2023 5:54:00 PM
1868-53-7	Surr: Dibromofluoromethane	85.9	0	70-130		%Rec	10	4/13/2023 5:54:00 PM
2037-26-5	Surr: Toluene-d8	99.2	0	70-130		%Rec	10	4/13/2023 5:54:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SVE-11D
Project: SFCJC
Collection Date: 4/5/2023 5:35:00 PM
Lab ID: 2304306-006
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS								Analyst: **JMT**
7727-37-9	Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/7/2023 3:54:40 AM
7727-37-9	Nitrogen, Nitrate (As N)	28	0.10	0.50	*	mg/L	5	4/7/2023 3:54:40 AM
14808-79-8	Sulfate	110	1.2	2.5		mg/L	5	4/7/2023 3:54:40 AM
EPA METHOD 6010B: DISSOLVED METALS								Analyst: **JRR**
7439-89-6	Iron	ND	0.017	0.020		mg/L	1	4/11/2023 2:17:02 PM
7439-96-5	Manganese	2.5	0.0032	0.020		mg/L	10	4/11/2023 2:20:02 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	ND	0.23	1.0		µg/L	1	4/13/2023 6:43:00 PM
108-88-3	Toluene	ND	0.20	1.0		µg/L	1	4/13/2023 6:43:00 PM
100-41-4	Ethylbenzene	ND	0.21	1.0		µg/L	1	4/13/2023 6:43:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	0.39	1.0		µg/L	1	4/13/2023 6:43:00 PM
95-63-6	1,2,4-Trimethylbenzene	1.2	0.12	1.0		µg/L	1	4/13/2023 6:43:00 PM
108-67-8	1,3,5-Trimethylbenzene	ND	0.18	1.0		µg/L	1	4/13/2023 6:43:00 PM
107-06-2	1,2-Dichloroethane (EDC)	ND	0.30	1.0		µg/L	1	4/13/2023 6:43:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	0.30	1.0		µg/L	1	4/13/2023 6:43:00 PM
91-20-3	Naphthalene	0.52	0.24	2.0	J	µg/L	1	4/13/2023 6:43:00 PM
90-12-0	1-Methylnaphthalene	2.4	0.84	4.0	J	µg/L	1	4/13/2023 6:43:00 PM
91-57-6	2-Methylnaphthalene	1.7	0.69	4.0	J	µg/L	1	4/13/2023 6:43:00 PM
67-64-1	Acetone	3.2	2.5	10	J	µg/L	1	4/13/2023 6:43:00 PM
108-86-1	Bromobenzene	ND	0.28	1.0		µg/L	1	4/13/2023 6:43:00 PM
75-27-4	Bromodichloromethane	ND	0.20	1.0		µg/L	1	4/13/2023 6:43:00 PM
75-25-2	Bromoform	ND	0.31	1.0		µg/L	1	4/13/2023 6:43:00 PM
74-83-9	Bromomethane	ND	0.85	3.0		µg/L	1	4/13/2023 6:43:00 PM
78-93-3	2-Butanone	ND	2.0	10		µg/L	1	4/13/2023 6:43:00 PM
75-15-0	Carbon disulfide	ND	0.59	10		µg/L	1	4/13/2023 6:43:00 PM
56-23-5	Carbon Tetrachloride	ND	0.18	1.0		µg/L	1	4/13/2023 6:43:00 PM
108-90-7	Chlorobenzene	ND	0.46	1.0		µg/L	1	4/13/2023 6:43:00 PM
75-00-3	Chloroethane	ND	0.38	2.0		µg/L	1	4/13/2023 6:43:00 PM
67-66-3	Chloroform	ND	0.13	1.0		µg/L	1	4/13/2023 6:43:00 PM
74-87-3	Chloromethane	ND	0.41	3.0		µg/L	1	4/13/2023 6:43:00 PM
95-49-8	2-Chlorotoluene	ND	0.13	1.0		µg/L	1	4/13/2023 6:43:00 PM
106-43-4	4-Chlorotoluene	ND	0.13	1.0		µg/L	1	4/13/2023 6:43:00 PM
156-59-2	cis-1,2-DCE	ND	0.39	1.0		µg/L	1	4/13/2023 6:43:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	0.12	1.0		µg/L	1	4/13/2023 6:43:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.59	2.0		µg/L	1	4/13/2023 6:43:00 PM
124-48-1	Dibromochloromethane	ND	0.28	1.0		µg/L	1	4/13/2023 6:43:00 PM
74-95-3	Dibromomethane	ND	0.31	1.0		µg/L	1	4/13/2023 6:43:00 PM
95-50-1	1,2-Dichlorobenzene	ND	0.15	1.0		µg/L	1	4/13/2023 6:43:00 PM
541-73-1	1,3-Dichlorobenzene	ND	0.16	1.0		µg/L	1	4/13/2023 6:43:00 PM
106-46-7	1,4-Dichlorobenzene	ND	0.10	1.0		µg/L	1	4/13/2023 6:43:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SVE-11D
Project: SFCJC
Collection Date: 4/5/2023 5:35:00 PM
Lab ID: 2304306-006
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
75-71-8	Dichlorodifluoromethane	ND	0.26	1.0		µg/L	1	4/13/2023 6:43:00 PM
75-34-3	1,1-Dichloroethane	ND	0.30	1.0		µg/L	1	4/13/2023 6:43:00 PM
75-35-4	1,1-Dichloroethene	ND	0.20	1.0		µg/L	1	4/13/2023 6:43:00 PM
78-87-5	1,2-Dichloropropane	ND	0.20	1.0		µg/L	1	4/13/2023 6:43:00 PM
142-28-9	1,3-Dichloropropane	ND	0.18	1.0		µg/L	1	4/13/2023 6:43:00 PM
594-20-7	2,2-Dichloropropane	ND	0.26	2.0		µg/L	1	4/13/2023 6:43:00 PM
563-58-6	1,1-Dichloropropene	ND	0.18	1.0		µg/L	1	4/13/2023 6:43:00 PM
87-68-3	Hexachlorobutadiene	ND	0.42	1.0		µg/L	1	4/13/2023 6:43:00 PM
591-78-6	2-Hexanone	ND	1.8	10		µg/L	1	4/13/2023 6:43:00 PM
98-82-8	Isopropylbenzene	ND	0.18	1.0		µg/L	1	4/13/2023 6:43:00 PM
99-87-6	4-Isopropyltoluene	ND	0.20	1.0		µg/L	1	4/13/2023 6:43:00 PM
108-10-1	4-Methyl-2-pentanone	ND	0.67	10		µg/L	1	4/13/2023 6:43:00 PM
75-09-2	Methylene Chloride	ND	0.50	3.0		µg/L	1	4/13/2023 6:43:00 PM
104-51-8	n-Butylbenzene	0.58	0.13	3.0	J	µg/L	1	4/13/2023 6:43:00 PM
103-65-1	n-Propylbenzene	ND	0.11	1.0		µg/L	1	4/13/2023 6:43:00 PM
135-98-8	sec-Butylbenzene	0.89	0.14	1.0	J	µg/L	1	4/13/2023 6:43:00 PM
100-42-5	Styrene	ND	0.14	1.0		µg/L	1	4/13/2023 6:43:00 PM
98-06-6	tert-Butylbenzene	ND	0.24	1.0		µg/L	1	4/13/2023 6:43:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.27	1.0		µg/L	1	4/13/2023 6:43:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.27	2.0		µg/L	1	4/13/2023 6:43:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	0.18	1.0		µg/L	1	4/13/2023 6:43:00 PM
156-60-5	trans-1,2-DCE	ND	0.19	1.0		µg/L	1	4/13/2023 6:43:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	0.34	1.0		µg/L	1	4/13/2023 6:43:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	0.25	1.0		µg/L	1	4/13/2023 6:43:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	0.24	1.0		µg/L	1	4/13/2023 6:43:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.081	1.0		µg/L	1	4/13/2023 6:43:00 PM
79-00-5	1,1,2-Trichloroethane	ND	0.20	1.0		µg/L	1	4/13/2023 6:43:00 PM
79-01-6	Trichloroethene (TCE)	ND	0.20	1.0		µg/L	1	4/13/2023 6:43:00 PM
75-69-4	Trichlorofluoromethane	ND	0.16	1.0		µg/L	1	4/13/2023 6:43:00 PM
96-18-4	1,2,3-Trichloropropane	ND	0.16	2.0		µg/L	1	4/13/2023 6:43:00 PM
75-01-4	Vinyl chloride	ND	0.32	1.0		µg/L	1	4/13/2023 6:43:00 PM
1330-20-7	Xylenes, Total	ND	0.37	1.5		µg/L	1	4/13/2023 6:43:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	85.1	0	70-130		%Rec	1	4/13/2023 6:43:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	94.2	0	70-130		%Rec	1	4/13/2023 6:43:00 PM
1868-53-7	Surr: Dibromofluoromethane	88.7	0	70-130		%Rec	1	4/13/2023 6:43:00 PM
2037-26-5	Surr: Toluene-d8	99.1	0	70-130		%Rec	1	4/13/2023 6:43:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: TWS-1
Project: SFCJC
Collection Date: 4/5/2023 11:40:00 AM
Lab ID: 2304306-007
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS								Analyst: **JMT**
7727-37-9	Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/7/2023 4:19:22 AM
7727-37-9	Nitrogen, Nitrate (As N)	15	0.10	0.50	*	mg/L	5	4/7/2023 4:19:22 AM
14808-79-8	Sulfate	69	1.2	2.5		mg/L	5	4/7/2023 4:19:22 AM
EPA METHOD 6010B: DISSOLVED METALS								Analyst: **JRR**
7439-89-6	Iron	0.20	0.017	0.020		mg/L	1	4/11/2023 2:22:56 PM
7439-96-5	Manganese	0.018	0.00032	0.0020		mg/L	1	4/11/2023 2:22:56 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	ND	0.23	1.0		µg/L	1	4/13/2023 7:07:00 PM
108-88-3	Toluene	ND	0.20	1.0		µg/L	1	4/13/2023 7:07:00 PM
100-41-4	Ethylbenzene	ND	0.21	1.0		µg/L	1	4/13/2023 7:07:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	0.39	1.0		µg/L	1	4/13/2023 7:07:00 PM
95-63-6	1,2,4-Trimethylbenzene	1.3	0.12	1.0		µg/L	1	4/13/2023 7:07:00 PM
108-67-8	1,3,5-Trimethylbenzene	0.59	0.18	1.0	J	µg/L	1	4/13/2023 7:07:00 PM
107-06-2	1,2-Dichloroethane (EDC)	ND	0.30	1.0		µg/L	1	4/13/2023 7:07:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	0.30	1.0		µg/L	1	4/13/2023 7:07:00 PM
91-20-3	Naphthalene	0.51	0.24	2.0	J	µg/L	1	4/13/2023 7:07:00 PM
90-12-0	1-Methylnaphthalene	1.3	0.84	4.0	J	µg/L	1	4/13/2023 7:07:00 PM
91-57-6	2-Methylnaphthalene	1.2	0.69	4.0	J	µg/L	1	4/13/2023 7:07:00 PM
67-64-1	Acetone	ND	2.5	10		µg/L	1	4/13/2023 7:07:00 PM
108-86-1	Bromobenzene	ND	0.28	1.0		µg/L	1	4/13/2023 7:07:00 PM
75-27-4	Bromodichloromethane	ND	0.20	1.0		µg/L	1	4/13/2023 7:07:00 PM
75-25-2	Bromoform	ND	0.31	1.0		µg/L	1	4/13/2023 7:07:00 PM
74-83-9	Bromomethane	ND	0.85	3.0		µg/L	1	4/13/2023 7:07:00 PM
78-93-3	2-Butanone	ND	2.0	10		µg/L	1	4/13/2023 7:07:00 PM
75-15-0	Carbon disulfide	ND	0.59	10		µg/L	1	4/13/2023 7:07:00 PM
56-23-5	Carbon Tetrachloride	ND	0.18	1.0		µg/L	1	4/13/2023 7:07:00 PM
108-90-7	Chlorobenzene	ND	0.46	1.0		µg/L	1	4/13/2023 7:07:00 PM
75-00-3	Chloroethane	ND	0.38	2.0		µg/L	1	4/13/2023 7:07:00 PM
67-66-3	Chloroform	ND	0.13	1.0		µg/L	1	4/13/2023 7:07:00 PM
74-87-3	Chloromethane	ND	0.41	3.0		µg/L	1	4/13/2023 7:07:00 PM
95-49-8	2-Chlorotoluene	ND	0.13	1.0		µg/L	1	4/13/2023 7:07:00 PM
106-43-4	4-Chlorotoluene	ND	0.13	1.0		µg/L	1	4/13/2023 7:07:00 PM
156-59-2	cis-1,2-DCE	ND	0.39	1.0		µg/L	1	4/13/2023 7:07:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	0.12	1.0		µg/L	1	4/13/2023 7:07:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.59	2.0		µg/L	1	4/13/2023 7:07:00 PM
124-48-1	Dibromochloromethane	ND	0.28	1.0		µg/L	1	4/13/2023 7:07:00 PM
74-95-3	Dibromomethane	ND	0.31	1.0		µg/L	1	4/13/2023 7:07:00 PM
95-50-1	1,2-Dichlorobenzene	ND	0.15	1.0		µg/L	1	4/13/2023 7:07:00 PM
541-73-1	1,3-Dichlorobenzene	ND	0.16	1.0		µg/L	1	4/13/2023 7:07:00 PM
106-46-7	1,4-Dichlorobenzene	ND	0.10	1.0		µg/L	1	4/13/2023 7:07:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: TWS-1
Project: SFCJC
Collection Date: 4/5/2023 11:40:00 AM
Lab ID: 2304306-007
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
75-71-8	Dichlorodifluoromethane	ND	0.26	1.0		µg/L	1	4/13/2023 7:07:00 PM
75-34-3	1,1-Dichloroethane	ND	0.30	1.0		µg/L	1	4/13/2023 7:07:00 PM
75-35-4	1,1-Dichloroethene	ND	0.20	1.0		µg/L	1	4/13/2023 7:07:00 PM
78-87-5	1,2-Dichloropropane	ND	0.20	1.0		µg/L	1	4/13/2023 7:07:00 PM
142-28-9	1,3-Dichloropropane	ND	0.18	1.0		µg/L	1	4/13/2023 7:07:00 PM
594-20-7	2,2-Dichloropropane	ND	0.26	2.0		µg/L	1	4/13/2023 7:07:00 PM
563-58-6	1,1-Dichloropropene	ND	0.18	1.0		µg/L	1	4/13/2023 7:07:00 PM
87-68-3	Hexachlorobutadiene	ND	0.42	1.0		µg/L	1	4/13/2023 7:07:00 PM
591-78-6	2-Hexanone	ND	1.8	10		µg/L	1	4/13/2023 7:07:00 PM
98-82-8	Isopropylbenzene	ND	0.18	1.0		µg/L	1	4/13/2023 7:07:00 PM
99-87-6	4-Isopropyltoluene	ND	0.20	1.0		µg/L	1	4/13/2023 7:07:00 PM
108-10-1	4-Methyl-2-pentanone	ND	0.67	10		µg/L	1	4/13/2023 7:07:00 PM
75-09-2	Methylene Chloride	ND	0.50	3.0		µg/L	1	4/13/2023 7:07:00 PM
104-51-8	n-Butylbenzene	0.18	0.13	3.0	J	µg/L	1	4/13/2023 7:07:00 PM
103-65-1	n-Propylbenzene	0.19	0.11	1.0	J	µg/L	1	4/13/2023 7:07:00 PM
135-98-8	sec-Butylbenzene	ND	0.14	1.0		µg/L	1	4/13/2023 7:07:00 PM
100-42-5	Styrene	ND	0.14	1.0		µg/L	1	4/13/2023 7:07:00 PM
98-06-6	tert-Butylbenzene	ND	0.24	1.0		µg/L	1	4/13/2023 7:07:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.27	1.0		µg/L	1	4/13/2023 7:07:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.27	2.0		µg/L	1	4/13/2023 7:07:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	0.18	1.0		µg/L	1	4/13/2023 7:07:00 PM
156-60-5	trans-1,2-DCE	ND	0.19	1.0		µg/L	1	4/13/2023 7:07:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	0.34	1.0		µg/L	1	4/13/2023 7:07:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	0.25	1.0		µg/L	1	4/13/2023 7:07:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	0.24	1.0		µg/L	1	4/13/2023 7:07:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.081	1.0		µg/L	1	4/13/2023 7:07:00 PM
79-00-5	1,1,2-Trichloroethane	ND	0.20	1.0		µg/L	1	4/13/2023 7:07:00 PM
79-01-6	Trichloroethene (TCE)	ND	0.20	1.0		µg/L	1	4/13/2023 7:07:00 PM
75-69-4	Trichlorofluoromethane	ND	0.16	1.0		µg/L	1	4/13/2023 7:07:00 PM
96-18-4	1,2,3-Trichloropropane	ND	0.16	2.0		µg/L	1	4/13/2023 7:07:00 PM
75-01-4	Vinyl chloride	ND	0.32	1.0		µg/L	1	4/13/2023 7:07:00 PM
1330-20-7	Xylenes, Total	1.2	0.37	1.5	J	µg/L	1	4/13/2023 7:07:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	81.8	0	70-130		%Rec	1	4/13/2023 7:07:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	95.5	0	70-130		%Rec	1	4/13/2023 7:07:00 PM
1868-53-7	Surr: Dibromofluoromethane	86.3	0	70-130		%Rec	1	4/13/2023 7:07:00 PM
2037-26-5	Surr: Toluene-d8	99.1	0	70-130		%Rec	1	4/13/2023 7:07:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: TWS-4
Project: SFCJC
Collection Date: 4/5/2023 2:40:00 PM
Lab ID: 2304306-008
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB								Analyst: **JME**
106-93-4	1,2-Dibromoethane	ND	0.0040	0.094		µg/L	1	4/14/2023 6:08:14 PM
EPA METHOD 300.0: ANIONS								Analyst: **JMT**
7727-37-9	Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/7/2023 4:44:02 AM
7727-37-9	Nitrogen, Nitrate (As N)	ND	0.10	0.50		mg/L	5	4/7/2023 4:44:02 AM
14808-79-8	Sulfate	1.6	1.2	2.5	J	mg/L	5	4/7/2023 4:44:02 AM
EPA METHOD 6010B: DISSOLVED METALS								Analyst: **JRR**
7439-89-6	Iron	1.7	0.17	0.20		mg/L	10	4/11/2023 2:32:18 PM
7439-96-5	Manganese	3.3	0.0032	0.020		mg/L	10	4/11/2023 2:32:18 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	23	2.3	10		µg/L	10	4/13/2023 7:56:00 PM
108-88-3	Toluene	25	2.0	10		µg/L	10	4/13/2023 7:56:00 PM
100-41-4	Ethylbenzene	90	2.1	10		µg/L	10	4/13/2023 7:56:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	3.9	10		µg/L	10	4/13/2023 7:56:00 PM
95-63-6	1,2,4-Trimethylbenzene	63	1.2	10		µg/L	10	4/13/2023 7:56:00 PM
108-67-8	1,3,5-Trimethylbenzene	16	1.8	10		µg/L	10	4/13/2023 7:56:00 PM
107-06-2	1,2-Dichloroethane (EDC)	3.3	3.0	10	J	µg/L	10	4/13/2023 7:56:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	3.0	10		µg/L	10	4/13/2023 7:56:00 PM
91-20-3	Naphthalene	28	2.4	20		µg/L	10	4/13/2023 7:56:00 PM
90-12-0	1-Methylnaphthalene	22	8.4	40	J	µg/L	10	4/13/2023 7:56:00 PM
91-57-6	2-Methylnaphthalene	23	6.9	40	J	µg/L	10	4/13/2023 7:56:00 PM
67-64-1	Acetone	49	25	100	J	µg/L	10	4/13/2023 7:56:00 PM
108-86-1	Bromobenzene	ND	2.8	10		µg/L	10	4/13/2023 7:56:00 PM
75-27-4	Bromodichloromethane	ND	2.0	10		µg/L	10	4/13/2023 7:56:00 PM
75-25-2	Bromoform	ND	3.1	10		µg/L	10	4/13/2023 7:56:00 PM
74-83-9	Bromomethane	ND	8.5	30		µg/L	10	4/13/2023 7:56:00 PM
78-93-3	2-Butanone	ND	20	100		µg/L	10	4/13/2023 7:56:00 PM
75-15-0	Carbon disulfide	ND	5.9	100		µg/L	10	4/13/2023 7:56:00 PM
56-23-5	Carbon Tetrachloride	ND	1.8	10		µg/L	10	4/13/2023 7:56:00 PM
108-90-7	Chlorobenzene	ND	4.6	10		µg/L	10	4/13/2023 7:56:00 PM
75-00-3	Chloroethane	ND	3.8	20		µg/L	10	4/13/2023 7:56:00 PM
67-66-3	Chloroform	ND	1.3	10		µg/L	10	4/13/2023 7:56:00 PM
74-87-3	Chloromethane	ND	4.1	30		µg/L	10	4/13/2023 7:56:00 PM
95-49-8	2-Chlorotoluene	4.6	1.3	10	J	µg/L	10	4/13/2023 7:56:00 PM
106-43-4	4-Chlorotoluene	1.5	1.3	10	J	µg/L	10	4/13/2023 7:56:00 PM
156-59-2	cis-1,2-DCE	ND	3.9	10		µg/L	10	4/13/2023 7:56:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	10		µg/L	10	4/13/2023 7:56:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.9	20		µg/L	10	4/13/2023 7:56:00 PM
124-48-1	Dibromochloromethane	ND	2.8	10		µg/L	10	4/13/2023 7:56:00 PM
74-95-3	Dibromomethane	ND	3.1	10		µg/L	10	4/13/2023 7:56:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: TWS-4
Project: SFCJC
Collection Date: 4/5/2023 2:40:00 PM
Lab ID: 2304306-008
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
95-50-1	1,2-Dichlorobenzene	ND	1.5	10		µg/L	10	4/13/2023 7:56:00 PM
541-73-1	1,3-Dichlorobenzene	ND	1.6	10		µg/L	10	4/13/2023 7:56:00 PM
106-46-7	1,4-Dichlorobenzene	ND	1.0	10		µg/L	10	4/13/2023 7:56:00 PM
75-71-8	Dichlorodifluoromethane	ND	2.6	10		µg/L	10	4/13/2023 7:56:00 PM
75-34-3	1,1-Dichloroethane	ND	3.0	10		µg/L	10	4/13/2023 7:56:00 PM
75-35-4	1,1-Dichloroethene	ND	2.0	10		µg/L	10	4/13/2023 7:56:00 PM
78-87-5	1,2-Dichloropropane	ND	2.0	10		µg/L	10	4/13/2023 7:56:00 PM
142-28-9	1,3-Dichloropropane	ND	1.8	10		µg/L	10	4/13/2023 7:56:00 PM
594-20-7	2,2-Dichloropropane	ND	2.6	20		µg/L	10	4/13/2023 7:56:00 PM
563-58-6	1,1-Dichloropropene	ND	1.8	10		µg/L	10	4/13/2023 7:56:00 PM
87-68-3	Hexachlorobutadiene	ND	4.2	10		µg/L	10	4/13/2023 7:56:00 PM
591-78-6	2-Hexanone	56	18	100	J	µg/L	10	4/13/2023 7:56:00 PM
98-82-8	Isopropylbenzene	7.4	1.8	10	J	µg/L	10	4/13/2023 7:56:00 PM
99-87-6	4-Isopropyltoluene	ND	2.0	10		µg/L	10	4/13/2023 7:56:00 PM
108-10-1	4-Methyl-2-pentanone	ND	6.7	100		µg/L	10	4/13/2023 7:56:00 PM
75-09-2	Methylene Chloride	ND	5.0	30		µg/L	10	4/13/2023 7:56:00 PM
104-51-8	n-Butylbenzene	2.6	1.3	30	J	µg/L	10	4/13/2023 7:56:00 PM
103-65-1	n-Propylbenzene	8.9	1.1	10	J	µg/L	10	4/13/2023 7:56:00 PM
135-98-8	sec-Butylbenzene	2.8	1.4	10	J	µg/L	10	4/13/2023 7:56:00 PM
100-42-5	Styrene	2.4	1.4	10	J	µg/L	10	4/13/2023 7:56:00 PM
98-06-6	tert-Butylbenzene	ND	2.4	10		µg/L	10	4/13/2023 7:56:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	10		µg/L	10	4/13/2023 7:56:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	20		µg/L	10	4/13/2023 7:56:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	1.8	10		µg/L	10	4/13/2023 7:56:00 PM
156-60-5	trans-1,2-DCE	ND	1.9	10		µg/L	10	4/13/2023 7:56:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	3.4	10		µg/L	10	4/13/2023 7:56:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	10		µg/L	10	4/13/2023 7:56:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	10		µg/L	10	4/13/2023 7:56:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.81	10		µg/L	10	4/13/2023 7:56:00 PM
79-00-5	1,1,2-Trichloroethane	ND	2.0	10		µg/L	10	4/13/2023 7:56:00 PM
79-01-6	Trichloroethene (TCE)	ND	2.0	10		µg/L	10	4/13/2023 7:56:00 PM
75-69-4	Trichlorofluoromethane	ND	1.6	10		µg/L	10	4/13/2023 7:56:00 PM
96-18-4	1,2,3-Trichloropropane	ND	1.6	20		µg/L	10	4/13/2023 7:56:00 PM
75-01-4	Vinyl chloride	ND	3.2	10		µg/L	10	4/13/2023 7:56:00 PM
1330-20-7	Xylenes, Total	260	3.7	15		µg/L	10	4/13/2023 7:56:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	78.0	0	70-130		%Rec	10	4/13/2023 7:56:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	93.1	0	70-130		%Rec	10	4/13/2023 7:56:00 PM
1868-53-7	Surr: Dibromofluoromethane	85.0	0	70-130		%Rec	10	4/13/2023 7:56:00 PM
2037-26-5	Surr: Toluene-d8	99.9	0	70-130		%Rec	10	4/13/2023 7:56:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-1R
Project: SFCJC
Collection Date: 4/5/2023 2:10:00 PM
Lab ID: 2304306-009
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB								Analyst: **JME**
106-93-4	1,2-Dibromoethane	ND	0.0040	0.093		µg/L	1	4/14/2023 6:23:26 PM
EPA METHOD 300.0: ANIONS								Analyst: **JMT**
7727-37-9	Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/7/2023 5:08:43 AM
7727-37-9	Nitrogen, Nitrate (As N)	0.19	0.10	0.50	J	mg/L	5	4/7/2023 5:08:43 AM
14808-79-8	Sulfate	6.0	1.2	2.5		mg/L	5	4/7/2023 5:08:43 AM
EPA METHOD 6010B: DISSOLVED METALS								Analyst: **JRR**
7439-89-6	Iron	6.7	0.17	0.20		mg/L	10	4/11/2023 2:51:43 PM
7439-96-5	Manganese	11	0.0064	0.040		mg/L	20	4/11/2023 3:31:36 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	230	2.3	10		µg/L	10	4/13/2023 8:45:00 PM
108-88-3	Toluene	560	2.0	10		µg/L	10	4/13/2023 8:45:00 PM
100-41-4	Ethylbenzene	760	2.1	10		µg/L	10	4/13/2023 8:45:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	3.9	10		µg/L	10	4/13/2023 8:45:00 PM
95-63-6	1,2,4-Trimethylbenzene	700	1.2	10		µg/L	10	4/13/2023 8:45:00 PM
108-67-8	1,3,5-Trimethylbenzene	170	1.8	10		µg/L	10	4/13/2023 8:45:00 PM
107-06-2	1,2-Dichloroethane (EDC)	5.5	3.0	10	J	µg/L	10	4/13/2023 8:45:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	3.0	10		µg/L	10	4/13/2023 8:45:00 PM
91-20-3	Naphthalene	240	2.4	20		µg/L	10	4/13/2023 8:45:00 PM
90-12-0	1-Methylnaphthalene	77	8.4	40		µg/L	10	4/13/2023 8:45:00 PM
91-57-6	2-Methylnaphthalene	91	6.9	40		µg/L	10	4/13/2023 8:45:00 PM
67-64-1	Acetone	ND	25	100		µg/L	10	4/13/2023 8:45:00 PM
108-86-1	Bromobenzene	ND	2.8	10		µg/L	10	4/13/2023 8:45:00 PM
75-27-4	Bromodichloromethane	ND	2.0	10		µg/L	10	4/13/2023 8:45:00 PM
75-25-2	Bromoform	ND	3.1	10		µg/L	10	4/13/2023 8:45:00 PM
74-83-9	Bromomethane	ND	8.5	30		µg/L	10	4/13/2023 8:45:00 PM
78-93-3	2-Butanone	ND	20	100		µg/L	10	4/13/2023 8:45:00 PM
75-15-0	Carbon disulfide	ND	5.9	100		µg/L	10	4/13/2023 8:45:00 PM
56-23-5	Carbon Tetrachloride	ND	1.8	10		µg/L	10	4/13/2023 8:45:00 PM
108-90-7	Chlorobenzene	ND	4.6	10		µg/L	10	4/13/2023 8:45:00 PM
75-00-3	Chloroethane	ND	3.8	20		µg/L	10	4/13/2023 8:45:00 PM
67-66-3	Chloroform	ND	1.3	10		µg/L	10	4/13/2023 8:45:00 PM
74-87-3	Chloromethane	ND	4.1	30		µg/L	10	4/13/2023 8:45:00 PM
95-49-8	2-Chlorotoluene	ND	1.3	10		µg/L	10	4/13/2023 8:45:00 PM
106-43-4	4-Chlorotoluene	ND	1.3	10		µg/L	10	4/13/2023 8:45:00 PM
156-59-2	cis-1,2-DCE	ND	3.9	10		µg/L	10	4/13/2023 8:45:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	10		µg/L	10	4/13/2023 8:45:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.9	20		µg/L	10	4/13/2023 8:45:00 PM
124-48-1	Dibromochloromethane	ND	2.8	10		µg/L	10	4/13/2023 8:45:00 PM
74-95-3	Dibromomethane	ND	3.1	10		µg/L	10	4/13/2023 8:45:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-1R
Project: SFCJC
Collection Date: 4/5/2023 2:10:00 PM
Lab ID: 2304306-009
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
95-50-1	1,2-Dichlorobenzene	ND	1.5	10		µg/L	10	4/13/2023 8:45:00 PM
541-73-1	1,3-Dichlorobenzene	ND	1.6	10		µg/L	10	4/13/2023 8:45:00 PM
106-46-7	1,4-Dichlorobenzene	ND	1.0	10		µg/L	10	4/13/2023 8:45:00 PM
75-71-8	Dichlorodifluoromethane	ND	2.6	10		µg/L	10	4/13/2023 8:45:00 PM
75-34-3	1,1-Dichloroethane	ND	3.0	10		µg/L	10	4/13/2023 8:45:00 PM
75-35-4	1,1-Dichloroethene	ND	2.0	10		µg/L	10	4/13/2023 8:45:00 PM
78-87-5	1,2-Dichloropropane	ND	2.0	10		µg/L	10	4/13/2023 8:45:00 PM
142-28-9	1,3-Dichloropropane	ND	1.8	10		µg/L	10	4/13/2023 8:45:00 PM
594-20-7	2,2-Dichloropropane	ND	2.6	20		µg/L	10	4/13/2023 8:45:00 PM
563-58-6	1,1-Dichloropropene	ND	1.8	10		µg/L	10	4/13/2023 8:45:00 PM
87-68-3	Hexachlorobutadiene	ND	4.2	10		µg/L	10	4/13/2023 8:45:00 PM
591-78-6	2-Hexanone	19	18	100	J	µg/L	10	4/13/2023 8:45:00 PM
98-82-8	Isopropylbenzene	34	1.8	10		µg/L	10	4/13/2023 8:45:00 PM
99-87-6	4-Isopropyltoluene	3.5	2.0	10	J	µg/L	10	4/13/2023 8:45:00 PM
108-10-1	4-Methyl-2-pentanone	81	6.7	100	J	µg/L	10	4/13/2023 8:45:00 PM
75-09-2	Methylene Chloride	ND	5.0	30		µg/L	10	4/13/2023 8:45:00 PM
104-51-8	n-Butylbenzene	9.7	1.3	30	J	µg/L	10	4/13/2023 8:45:00 PM
103-65-1	n-Propylbenzene	72	1.1	10		µg/L	10	4/13/2023 8:45:00 PM
135-98-8	sec-Butylbenzene	6.3	1.4	10	J	µg/L	10	4/13/2023 8:45:00 PM
100-42-5	Styrene	ND	1.4	10		µg/L	10	4/13/2023 8:45:00 PM
98-06-6	tert-Butylbenzene	ND	2.4	10		µg/L	10	4/13/2023 8:45:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	10		µg/L	10	4/13/2023 8:45:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	20		µg/L	10	4/13/2023 8:45:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	1.8	10		µg/L	10	4/13/2023 8:45:00 PM
156-60-5	trans-1,2-DCE	ND	1.9	10		µg/L	10	4/13/2023 8:45:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	3.4	10		µg/L	10	4/13/2023 8:45:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	10		µg/L	10	4/13/2023 8:45:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	10		µg/L	10	4/13/2023 8:45:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.81	10		µg/L	10	4/13/2023 8:45:00 PM
79-00-5	1,1,2-Trichloroethane	ND	2.0	10		µg/L	10	4/13/2023 8:45:00 PM
79-01-6	Trichloroethene (TCE)	ND	2.0	10		µg/L	10	4/13/2023 8:45:00 PM
75-69-4	Trichlorofluoromethane	ND	1.6	10		µg/L	10	4/13/2023 8:45:00 PM
96-18-4	1,2,3-Trichloropropane	ND	1.6	20		µg/L	10	4/13/2023 8:45:00 PM
75-01-4	Vinyl chloride	ND	3.2	10		µg/L	10	4/13/2023 8:45:00 PM
1330-20-7	Xylenes, Total	4200	37	150		µg/L	100	4/13/2023 8:20:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	81.0	0	70-130		%Rec	10	4/13/2023 8:45:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	95.0	0	70-130		%Rec	10	4/13/2023 8:45:00 PM
1868-53-7	Surr: Dibromofluoromethane	86.7	0	70-130		%Rec	10	4/13/2023 8:45:00 PM
2037-26-5	Surr: Toluene-d8	101	0	70-130		%Rec	10	4/13/2023 8:45:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: Trip Blank
Project: SFCJC
Collection Date:
Lab ID: 2304306-010
Matrix: TRIP BLANK
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB								Analyst: **JME**
106-93-4	1,2-Dibromoethane	ND	0.0040	0.094		µg/L	1	4/14/2023 6:38:35 PM
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
71-43-2	Benzene	ND	0.23	1.0		µg/L	1	4/13/2023 9:33:00 PM
108-88-3	Toluene	ND	0.20	1.0		µg/L	1	4/13/2023 9:33:00 PM
100-41-4	Ethylbenzene	ND	0.21	1.0		µg/L	1	4/13/2023 9:33:00 PM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	0.39	1.0		µg/L	1	4/13/2023 9:33:00 PM
95-63-6	1,2,4-Trimethylbenzene	ND	0.12	1.0		µg/L	1	4/13/2023 9:33:00 PM
108-67-8	1,3,5-Trimethylbenzene	ND	0.18	1.0		µg/L	1	4/13/2023 9:33:00 PM
107-06-2	1,2-Dichloroethane (EDC)	ND	0.30	1.0		µg/L	1	4/13/2023 9:33:00 PM
106-93-4	1,2-Dibromoethane (EDB)	ND	0.30	1.0		µg/L	1	4/13/2023 9:33:00 PM
91-20-3	Naphthalene	0.39	0.24	2.0	J	µg/L	1	4/13/2023 9:33:00 PM
90-12-0	1-Methylnaphthalene	ND	0.84	4.0		µg/L	1	4/13/2023 9:33:00 PM
91-57-6	2-Methylnaphthalene	0.84	0.69	4.0	J	µg/L	1	4/13/2023 9:33:00 PM
67-64-1	Acetone	ND	2.5	10		µg/L	1	4/13/2023 9:33:00 PM
108-86-1	Bromobenzene	ND	0.28	1.0		µg/L	1	4/13/2023 9:33:00 PM
75-27-4	Bromodichloromethane	ND	0.20	1.0		µg/L	1	4/13/2023 9:33:00 PM
75-25-2	Bromoform	ND	0.31	1.0		µg/L	1	4/13/2023 9:33:00 PM
74-83-9	Bromomethane	ND	0.85	3.0		µg/L	1	4/13/2023 9:33:00 PM
78-93-3	2-Butanone	ND	2.0	10		µg/L	1	4/13/2023 9:33:00 PM
75-15-0	Carbon disulfide	ND	0.59	10		µg/L	1	4/13/2023 9:33:00 PM
56-23-5	Carbon Tetrachloride	ND	0.18	1.0		µg/L	1	4/13/2023 9:33:00 PM
108-90-7	Chlorobenzene	ND	0.46	1.0		µg/L	1	4/13/2023 9:33:00 PM
75-00-3	Chloroethane	ND	0.38	2.0		µg/L	1	4/13/2023 9:33:00 PM
67-66-3	Chloroform	ND	0.13	1.0		µg/L	1	4/13/2023 9:33:00 PM
74-87-3	Chloromethane	ND	0.41	3.0		µg/L	1	4/13/2023 9:33:00 PM
95-49-8	2-Chlorotoluene	ND	0.13	1.0		µg/L	1	4/13/2023 9:33:00 PM
106-43-4	4-Chlorotoluene	ND	0.13	1.0		µg/L	1	4/13/2023 9:33:00 PM
156-59-2	cis-1,2-DCE	ND	0.39	1.0		µg/L	1	4/13/2023 9:33:00 PM
10061-01-5	cis-1,3-Dichloropropene	ND	0.12	1.0		µg/L	1	4/13/2023 9:33:00 PM
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.59	2.0		µg/L	1	4/13/2023 9:33:00 PM
124-48-1	Dibromochloromethane	ND	0.28	1.0		µg/L	1	4/13/2023 9:33:00 PM
74-95-3	Dibromomethane	ND	0.31	1.0		µg/L	1	4/13/2023 9:33:00 PM
95-50-1	1,2-Dichlorobenzene	ND	0.15	1.0		µg/L	1	4/13/2023 9:33:00 PM
541-73-1	1,3-Dichlorobenzene	ND	0.16	1.0		µg/L	1	4/13/2023 9:33:00 PM
106-46-7	1,4-Dichlorobenzene	ND	0.10	1.0		µg/L	1	4/13/2023 9:33:00 PM
75-71-8	Dichlorodifluoromethane	ND	0.26	1.0		µg/L	1	4/13/2023 9:33:00 PM
75-34-3	1,1-Dichloroethane	ND	0.30	1.0		µg/L	1	4/13/2023 9:33:00 PM
75-35-4	1,1-Dichloroethene	ND	0.20	1.0		µg/L	1	4/13/2023 9:33:00 PM
78-87-5	1,2-Dichloropropane	ND	0.20	1.0		µg/L	1	4/13/2023 9:33:00 PM
142-28-9	1,3-Dichloropropane	ND	0.18	1.0		µg/L	1	4/13/2023 9:33:00 PM
594-20-7	2,2-Dichloropropane	ND	0.26	2.0		µg/L	1	4/13/2023 9:33:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: Trip Blank
Project: SFCJC
Collection Date:
Lab ID: 2304306-010
Matrix: TRIP BLANK
Received Date: 4/6/2023 2:05:00 PM

CAS#	Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES								Analyst: **CCM**
563-58-6	1,1-Dichloropropene	ND	0.18	1.0		µg/L	1	4/13/2023 9:33:00 PM
87-68-3	Hexachlorobutadiene	ND	0.42	1.0		µg/L	1	4/13/2023 9:33:00 PM
591-78-6	2-Hexanone	ND	1.8	10		µg/L	1	4/13/2023 9:33:00 PM
98-82-8	Isopropylbenzene	ND	0.18	1.0		µg/L	1	4/13/2023 9:33:00 PM
99-87-6	4-Isopropyltoluene	ND	0.20	1.0		µg/L	1	4/13/2023 9:33:00 PM
108-10-1	4-Methyl-2-pentanone	ND	0.67	10		µg/L	1	4/13/2023 9:33:00 PM
75-09-2	Methylene Chloride	ND	0.50	3.0		µg/L	1	4/13/2023 9:33:00 PM
104-51-8	n-Butylbenzene	ND	0.13	3.0		µg/L	1	4/13/2023 9:33:00 PM
103-65-1	n-Propylbenzene	ND	0.11	1.0		µg/L	1	4/13/2023 9:33:00 PM
135-98-8	sec-Butylbenzene	ND	0.14	1.0		µg/L	1	4/13/2023 9:33:00 PM
100-42-5	Styrene	ND	0.14	1.0		µg/L	1	4/13/2023 9:33:00 PM
98-06-6	tert-Butylbenzene	ND	0.24	1.0		µg/L	1	4/13/2023 9:33:00 PM
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.27	1.0		µg/L	1	4/13/2023 9:33:00 PM
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.27	2.0		µg/L	1	4/13/2023 9:33:00 PM
127-18-4	Tetrachloroethene (PCE)	ND	0.18	1.0		µg/L	1	4/13/2023 9:33:00 PM
156-60-5	trans-1,2-DCE	ND	0.19	1.0		µg/L	1	4/13/2023 9:33:00 PM
10061-02-6	trans-1,3-Dichloropropene	ND	0.34	1.0		µg/L	1	4/13/2023 9:33:00 PM
87-61-6	1,2,3-Trichlorobenzene	ND	0.25	1.0		µg/L	1	4/13/2023 9:33:00 PM
120-82-1	1,2,4-Trichlorobenzene	ND	0.24	1.0		µg/L	1	4/13/2023 9:33:00 PM
71-55-6	1,1,1-Trichloroethane	ND	0.081	1.0		µg/L	1	4/13/2023 9:33:00 PM
79-00-5	1,1,2-Trichloroethane	ND	0.20	1.0		µg/L	1	4/13/2023 9:33:00 PM
79-01-6	Trichloroethene (TCE)	ND	0.20	1.0		µg/L	1	4/13/2023 9:33:00 PM
75-69-4	Trichlorofluoromethane	ND	0.16	1.0		µg/L	1	4/13/2023 9:33:00 PM
96-18-4	1,2,3-Trichloropropane	ND	0.16	2.0		µg/L	1	4/13/2023 9:33:00 PM
75-01-4	Vinyl chloride	ND	0.32	1.0		µg/L	1	4/13/2023 9:33:00 PM
1330-20-7	Xylenes, Total	ND	0.37	1.5		µg/L	1	4/13/2023 9:33:00 PM
17060-07-0	Surr: 1,2-Dichloroethane-d4	83.4	0	70-130		%Rec	1	4/13/2023 9:33:00 PM
460-00-4	Surr: 4-Bromofluorobenzene	94.2	0	70-130		%Rec	1	4/13/2023 9:33:00 PM
1868-53-7	Surr: Dibromofluoromethane	85.9	0	70-130		%Rec	1	4/13/2023 9:33:00 PM
2037-26-5	Surr: Toluene-d8	99.7	0	70-130		%Rec	1	4/13/2023 9:33:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

ANALYTICAL REPORT

April 13, 2023

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

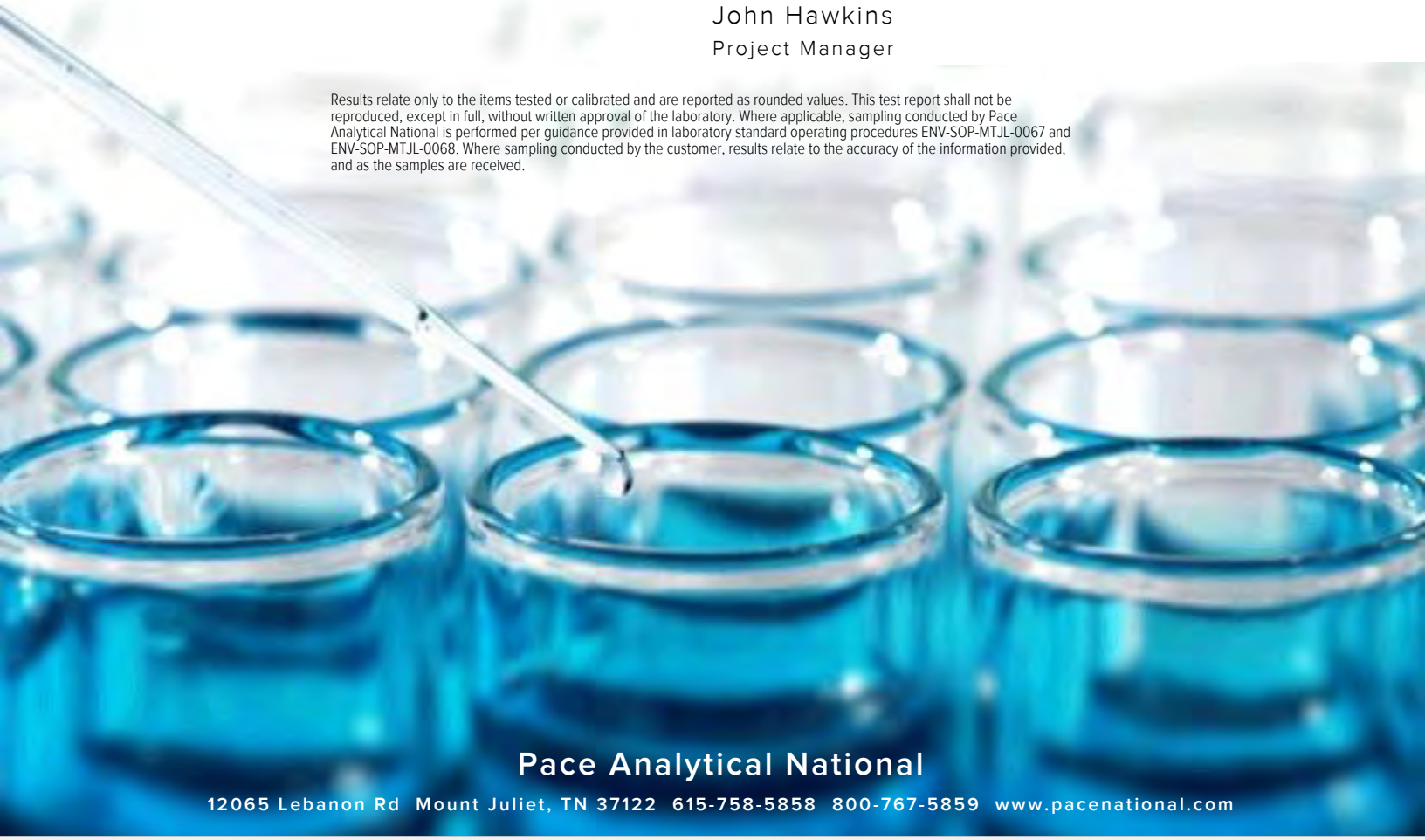
Hall Environmental Analysis Laboratory

Sample Delivery Group:	L1603416
Samples Received:	04/07/2023
Project Number:	
Description:	

Report To: Andy Freeman
4901 Hawkins NE
Albuquerque, NM 87109

Entire Report Reviewed By:

John Hawkins
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

2304306-001 MW-6 L1603416-01 WW

Collected by | Collected date/time 04/05/23 10:51 | Received date/time 04/07/23 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:47	04/08/23 16:47	NEF	Mt. Juliet, TN

2304306-002 SFCMW-01 L1603416-02 GW

Collected by | Collected date/time 04/05/23 12:40 | Received date/time 04/07/23 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:47	04/08/23 16:47	NEF	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2040818	1	04/13/23 13:19	04/13/23 13:19	CCM	Mt. Juliet, TN

2304306-003 SFCMW-10 L1603416-03 GW

Collected by | Collected date/time 04/05/23 11:35 | Received date/time 04/07/23 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:48	04/08/23 16:48	NEF	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2040818	1	04/13/23 13:38	04/13/23 13:38	CCM	Mt. Juliet, TN

2304306-004 SVE-1 L1603416-04 WW

Collected by | Collected date/time 04/05/23 13:57 | Received date/time 04/07/23 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:49	04/08/23 16:49	NEF	Mt. Juliet, TN

2304306-005 SVE-3 L1603416-05 WW

Collected by | Collected date/time 04/05/23 13:21 | Received date/time 04/07/23 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:50	04/08/23 16:50	NEF	Mt. Juliet, TN

2304306-006 SVE-11D L1603416-06 WW

Collected by | Collected date/time 04/05/23 17:35 | Received date/time 04/07/23 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:51	04/08/23 16:51	NEF	Mt. Juliet, TN

2304306-007 TWS-1 L1603416-07 WW

Collected by | Collected date/time 04/05/23 11:40 | Received date/time 04/07/23 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:52	04/08/23 16:52	NEF	Mt. Juliet, TN

2304306-008 TWS-4 L1603416-08 GW

Collected by | Collected date/time 04/05/23 14:40 | Received date/time 04/07/23 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:53	04/08/23 16:53	NEF	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2040818	1	04/13/23 13:47	04/13/23 13:47	CCM	Mt. Juliet, TN

SAMPLE SUMMARY

2304306-009 MW-1R L1603416-09 GW

Collected by	Collected date/time	Received date/time
	04/05/23 14:10	04/07/23 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:56	04/08/23 16:56	NEF	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2040818	1	04/13/23 13:57	04/13/23 13:57	CCM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

John Hawkins
Project Manager

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:47	WG2038498

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:47	WG2038498

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	0.0233		0.0100	1	04/13/2023 13:19	WG2040818
Ethane	ND		0.0130	1	04/13/2023 13:19	WG2040818
Ethene	ND		0.0130	1	04/13/2023 13:19	WG2040818
Acetylene	ND		0.0200	1	04/13/2023 13:19	WG2040818
Propane	ND		0.0186	1	04/13/2023 13:19	WG2040818

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:48	WG2038498

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	ND		0.0100	1	04/13/2023 13:38	WG2040818
Ethane	ND		0.0130	1	04/13/2023 13:38	WG2040818
Ethene	ND		0.0130	1	04/13/2023 13:38	WG2040818
Acetylene	ND		0.0200	1	04/13/2023 13:38	WG2040818
Propane	ND		0.0186	1	04/13/2023 13:38	WG2040818

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:49	WG2038498

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:50	WG2038498

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:51	WG2038498

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:52	WG2038498

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:53	WG2038498

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	ND		0.0100	1	04/13/2023 13:47	WG2040818
Ethane	ND		0.0130	1	04/13/2023 13:47	WG2040818
Ethene	ND		0.0130	1	04/13/2023 13:47	WG2040818
Acetylene	ND		0.0200	1	04/13/2023 13:47	WG2040818
Propane	ND		0.0186	1	04/13/2023 13:47	WG2040818

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:56	WG2038498

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	0.567		0.0100	1	04/13/2023 13:57	WG2040818
Ethane	ND		0.0130	1	04/13/2023 13:57	WG2040818
Ethene	ND		0.0130	1	04/13/2023 13:57	WG2040818
Acetylene	ND		0.0200	1	04/13/2023 13:57	WG2040818
Propane	ND		0.0186	1	04/13/2023 13:57	WG2040818

Method Blank (MB)

(MB) R3911001-1 04/08/23 16:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Sulfide	U		0.0250	0.0500

L1603341-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1603341-02 04/08/23 16:44 • (DUP) R3911001-3 04/08/23 16:44

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	ND	ND	1	0.000		20

L1603416-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1603416-08 04/08/23 16:53 • (DUP) R3911001-6 04/08/23 16:55

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3911001-2 04/08/23 16:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	0.500	0.545	109	85.0-115	

L1603341-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1603341-04 04/08/23 16:45 • (MS) R3911001-4 04/08/23 16:46 • (MSD) R3911001-5 04/08/23 16:47

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfide	0.500	ND	0.469	0.467	93.8	93.4	1	80.0-120			0.427	20

Method Blank (MB)

(MB) R3912959-2 04/13/23 10:24

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Methane	U		0.00291	0.0100
Ethane	U		0.00407	0.0130
Ethene	U		0.00426	0.0130
Acetylene	U		0.00560	0.0200
Propane	U		0.00548	0.0186

L1603083-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1603083-03 04/13/23 10:42 • (DUP) R3912959-3 04/13/23 13:14

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Methane	0.0962	0.0966	1	0.415		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20
Acetylene	ND	ND	1	0.000		20
Propane	ND	ND	1	0.000		20

L1603416-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1603416-03 04/13/23 13:38 • (DUP) R3912959-4 04/13/23 15:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Methane	ND	ND	1	0.000		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20
Acetylene	ND	ND	1	0.000		20
Propane	ND	ND	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3912959-1 04/13/23 10:16 • (LCSD) R3912959-5 04/13/23 15:33

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Methane	0.0678	0.0642	0.0644	94.7	95.0	85.0-115			0.311	20
Ethane	0.129	0.116	0.116	89.9	89.9	85.0-115			0.000	20
Ethene	0.127	0.116	0.116	91.3	91.3	85.0-115			0.000	20
Acetylene	0.208	0.188	0.189	90.4	90.9	85.0-115			0.531	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3912959-1 04/13/23 10:16 • (LCSD) R3912959-5 04/13/23 15:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Propane	0.186	0.170	0.170	91.4	91.4	85.0-115			0.000	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975
FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Receipt Checklist
COC Seal Present/Intact: ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N
If Applicable
VOA Zero Headspace: __Y ✓N
Pres.Correct/Check: ✓Y __N
TEMP: NSAG 4.6 to = 4.6
FEDEX: 6094 5469 9760

C071

SUB CONTRATOR: Pace TN	COMPANY: PACE TN	PHONE: (800) 767-5859	FAX: (615) 758-5859
ADDRESS: 12065 Lebanon Rd		ACCOUNT #:	EMAIL:
CITY, STATE, ZIP: Mt. Juliet, TN 37122			

L1603416

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS	
1	2304306-001D	MW-6	500PLNAOH ZNAC	Aqueous	4/5/2023 10:51:00 AM	1	Sulfide	-01
2	2304306-002D	SFCMW-01	500PLNAOH ZNAC	Aqueous	4/5/2023 12:40:00 PM	1	Sulfide	-02
3	2304306-002E	SFCMW-01	VOAHCL	Aqueous	4/5/2023 12:40:00 PM	3	Methane, Ethane, Ethene, Propane	
4	2304306-003D	SFCMW-10	500PLNAOH ZNAC	Aqueous	4/5/2023 11:35:00 AM	1	Sulfide	-03
5	2304306-003E	SFCMW-10	VOAHCL	Aqueous	4/5/2023 11:35:00 AM	3	Methane, Ethane, Ethene, Propane	
6	2304306-004D	SVE-1	500PLNAOH ZNAC	Aqueous	4/5/2023 1:57:00 PM	1	Sulfide	-04
7	2304306-005D	SVE-3	500PLNAOH ZNAC	Aqueous	4/5/2023 1:21:00 PM	1	Sulfide	-05
8	2304306-006D	SVE-110 D 4/6/23	500PLNAOH ZNAC	Aqueous	4/5/2023 5:35:00 PM	1	Sulfide	-06
9	2304306-007D	TWS-1	500PLNAOH ZNAC	Aqueous	4/5/2023 11:40:00 AM	1	Sulfide	-07
10	2304306-008E	TWS-4	500PLNAOH ZNAC	Aqueous	4/5/2023 2:40:00 PM	1	Sulfide	-08
11	2304306-008F	TWS-4	VOAHCL	Aqueous	4/5/2023 2:40:00 PM	3	Methane, Ethane, Ethene, Propane	
12	2304306-009E	MW-1R	500PLNAOH ZNAC	Aqueous	4/5/2023 2:10:00 PM	1	Sulfide	-09
13	2304306-009F	MW-1R	VOAHCL	Aqueous	4/5/2023 2:10:00 PM	3	Methane, Ethane, Ethene, Propane	

SPECIAL INSTRUCTIONS / COMMENTS:

Please include the LAB ID and the CLIENT SAMPLE ID on all final reports. Please e-mail results to lab@hallenvironmental.com. Please return all coolers and blue ice. Thank you.

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	4/6/2023	2:59 PM	[signature] PACE	4.7.23	0920

TAT: Standard ☑ RUSH Next BD ☐ 2nd BD ☐ 3rd BD ☐

REPORT TRANSMITTAL DESIRED:
☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY

Temp of samples ______ °C Attempt to Cool ? ______

Comments: ______

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304306**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **A95852**	RunNo: **95852**
Prep Date:	Analysis Date: **4/7/2023**	SeqNo: **3469999** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **A95852**	RunNo: **95852**
Prep Date:	Analysis Date: **4/7/2023**	SeqNo: **3470000** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	0.96	0.10	1.000	0	96.3	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	101	90	110			
Sulfate	9.7	0.50	10.00	0	96.6	90	110			

Sample ID: **2304306-009CMS**	SampType: **ms**	TestCode: **EPA Method 300.0: Anions**
Client ID: **MW-1R**	Batch ID: **A95852**	RunNo: **95852**
Prep Date:	Analysis Date: **4/7/2023**	SeqNo: **3470022** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrate (As N)	12	0.50	12.50	0.1905	97.8	89.8	110			
Sulfate	53	2.5	50.00	6.010	94.3	84.9	110			

Sample ID: **2304306-009CMSD**	SampType: **msd**	TestCode: **EPA Method 300.0: Anions**
Client ID: **MW-1R**	Batch ID: **A95852**	RunNo: **95852**
Prep Date:	Analysis Date: **4/7/2023**	SeqNo: **3470023** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrate (As N)	12	0.50	12.50	0.1905	98.4	87.7	111	0.514	20	
Sulfate	53	2.5	50.00	6.010	94.8	84.9	111	0.491	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304306**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **MB-74224**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **74224**	RunNo: **96051**
Prep Date: **4/13/2023**	Analysis Date: **4/14/2023**	SeqNo: **3478666** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID: **MB-74224**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **74224**	RunNo: **96051**
Prep Date: **4/13/2023**	Analysis Date: **4/14/2023**	SeqNo: **3478667** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID: **LCS-74224**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **74224**	RunNo: **96051**
Prep Date: **4/13/2023**	Analysis Date: **4/14/2023**	SeqNo: **3478668** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.16	0.010	0.1000	0	159	70	130			S

Sample ID: **LCS-74224**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **74224**	RunNo: **96051**
Prep Date: **4/13/2023**	Analysis Date: **4/14/2023**	SeqNo: **3478669** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.16	0.010	0.1000	0	161	70	130			S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304306**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R96019**	RunNo: **96019**
Prep Date:	Analysis Date: **4/13/2023**	SeqNo: **3477050** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	89.3	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Chlorobenzene	21	1.0	20.00	0	106	70	130			
1,1-Dichloroethene	18	1.0	20.00	0	87.6	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	88.4	70	130			
Surr: 1,2-Dichloroethane-d4	8.6		10.00		86.1	70	130			
Surr: 4-Bromofluorobenzene	9.2		10.00		92.5	70	130			
Surr: Dibromofluoromethane	8.9		10.00		88.7	70	130			
Surr: Toluene-d8	9.8		10.00		98.1	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R96019**	RunNo: **96019**
Prep Date:	Analysis Date: **4/13/2023**	SeqNo: **3477051** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304306**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R96019**	RunNo: **96019**
Prep Date:	Analysis Date: **4/13/2023**	SeqNo: **3477051** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304306**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R96019**	RunNo: **96019**
Prep Date:	Analysis Date: **4/13/2023**	SeqNo: **3477051** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.6		10.00		85.8	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.8	70	130			
Surr: Dibromofluoromethane	9.1		10.00		91.2	70	130			
Surr: Toluene-d8	9.9		10.00		98.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304306**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **MB-A**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **A95939**	RunNo: **95939**
Prep Date:	Analysis Date: **4/11/2023**	SeqNo: **3474310** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	ND	0.020								
Manganese	ND	0.0020								

Sample ID: **LCS-A**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **A95939**	RunNo: **95939**
Prep Date:	Analysis Date: **4/11/2023**	SeqNo: **3474312** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	0.51	0.020	0.5000	0	102	80	120			
Manganese	0.52	0.0020	0.5000	0	105	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: EA Engineering | Work Order Number: 2304306 | RcptNo: 1

Received By: Sean Livingston 4/6/2023 2:05:00 PM
Completed By: Sean Livingston 4/6/2023 2:44:29 PM
Reviewed By: JM 4-6-23

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Client		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: 18 : 9
(<2 or >12 unless noted)
Adjusted? No
Checked by: JM 4/6/23

Labeled by: JM 4/6/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.8	Good	Not Present	Morty		
2	3.4	Good	Not Present	Morty		
3	2.9	Good	Not Present	Morty		

Chain-of-Custody Record

Client: EA ENGINEERING

Mailing Address: 320 GOLD AVE SW SUITE 1300 ABQ, NM 87102

Phone #: 505-235-9037

email or Fax#: mmcvey@eaest.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: SFCJC

Project #: 63470006

Project Manager: M. MCVEY

Sampler: S. FINCH, D. O'BRIEN

On Ice: ☒ Yes ☐ No

# of Coolers: 3 MO-TY

Cooler Temp (including CF): See remarks (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2304306
4-5-23	1051	A	MW-6		H_2SO_4	001
4-5-23	1240	A	SFCMW-01			002
4-5-23	1135	A	SFCMW-10			003
4-5-23	1357	A	SVE-1			004
4-5-23	1321	A	SVE-3			005
4-5-23	1735	A	SVE-11D			006
4-5-23	1140	A	TWS-1			007
4-5-23	1440	A	TWS-4			008
4-5-23	1410	A	MW-1R			009
		A	TRIP BLANK	3 VOA	HCl/$Na_2S_2O_3$	010

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4-6-23	1405		SGL	COD	4/6/23	1345 4/6/23
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time 14:05

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	6010 (Fe/Mn)	SULFIDE	DISSOLVED GASES			
						X	X			X	X				
						X	X			X	X	X			
						X	X			X	X	X			
						X	X			X	X				
						X	X			X	X				
						X	X			X	X				
						X	X			X	X				
			X			X	X			X	X	X			
			X			X	X			X	X	X			

Remarks:

4.9 - 0.1 = 4.8°C

3.5 - 0.1 = 3.4°C

3.0 - 0.1 = 2.9°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 08, 2023

Mike McVey

EA Engineering
320 Gold Ave SW Suite 1210
Albuquerque, NM 87102
TEL: (505) 369-3149
FAX:

RE: SFCJC OrderNo.: 2304310

Dear Mike McVey:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/6/2023 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued May 02, 2023.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-4R
Project: SFCJC
Collection Date: 4/5/2023 3:15:00 PM
Lab ID: 2304310-001 **Matrix:** AQUEOUS **Received Date:** 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8011/504.1: EDB							Analyst: **JME**	
1,2-Dibromoethane	ND	0.0040	0.093		µg/L	1	4/14/2023 6:53:40 PM	74224
NOTES: No trip blank was included with work order								
EPA METHOD 300.0: ANIONS							Analyst: **NAI**	
Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/6/2023 7:33:55 PM	R95855
Nitrogen, Nitrate (As N)	15	0.10	0.50	*	mg/L	5	4/6/2023 7:33:55 PM	R95855
Sulfate	91	1.2	2.5		mg/L	5	4/6/2023 7:33:55 PM	R95855
EPA METHOD 6010B: DISSOLVED METALS							Analyst: **JRR**	
Iron	0.038	0.017	0.020		mg/L	1	4/11/2023 2:54:20 PM	A95939
Manganese	0.033	0.00032	0.0020		mg/L	1	4/11/2023 2:54:20 PM	A95939
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
Benzene	1.9	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Toluene	7.6	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Ethylbenzene	15	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Methyl tert-butyl ether (MTBE)	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,2,4-Trimethylbenzene	17	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,3,5-Trimethylbenzene	3.7	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,2-Dichloroethane (EDC)	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,2-Dibromoethane (EDB)	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Naphthalene	6.4	2.0	2.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1-Methylnaphthalene	6.8	4.0	4.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
2-Methylnaphthalene	6.5	4.0	4.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Acetone	ND	10	10		µg/L	1	4/14/2023 11:38:56 AM	R96055
Bromobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Bromodichloromethane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Bromoform	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Bromomethane	ND	3.0	3.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
2-Butanone	ND	10	10		µg/L	1	4/14/2023 11:38:56 AM	R96055
Carbon disulfide	ND	10	10		µg/L	1	4/14/2023 11:38:56 AM	R96055
Carbon Tetrachloride	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Chlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Chloroethane	ND	2.0	2.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Chloroform	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Chloromethane	ND	3.0	3.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
2-Chlorotoluene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
4-Chlorotoluene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
cis-1,2-DCE	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
cis-1,3-Dichloropropene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-4R
Project: SFCJC
Collection Date: 4/5/2023 3:15:00 PM
Lab ID: 2304310-001
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
1,2-Dibromo-3-chloropropane	ND	2.0	2.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Dibromochloromethane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Dibromomethane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,2-Dichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,3-Dichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,4-Dichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Dichlorodifluoromethane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,1-Dichloroethane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,1-Dichloroethene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,2-Dichloropropane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,3-Dichloropropane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
2,2-Dichloropropane	ND	2.0	2.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,1-Dichloropropene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Hexachlorobutadiene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
2-Hexanone	ND	10	10		µg/L	1	4/14/2023 11:38:56 AM	R96055
Isopropylbenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
4-Isopropyltoluene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
4-Methyl-2-pentanone	ND	10	10		µg/L	1	4/14/2023 11:38:56 AM	R96055
Methylene Chloride	ND	3.0	3.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
n-Butylbenzene	ND	3.0	3.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
n-Propylbenzene	1.8	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
sec-Butylbenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Styrene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
tert-Butylbenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,1,1,2-Tetrachloroethane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,1,2,2-Tetrachloroethane	ND	2.0	2.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Tetrachloroethene (PCE)	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
trans-1,2-DCE	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
trans-1,3-Dichloropropene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,2,3-Trichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,2,4-Trichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,1,1-Trichloroethane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,1,2-Trichloroethane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Trichloroethene (TCE)	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Trichlorofluoromethane	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
1,2,3-Trichloropropane	ND	2.0	2.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Vinyl chloride	ND	1.0	1.0		µg/L	1	4/14/2023 11:38:56 AM	R96055
Xylenes, Total	79	1.5	1.5		µg/L	1	4/14/2023 11:38:56 AM	R96055
Surr: 1,2-Dichloroethane-d4	93.0	0	70-130		%Rec	1	4/14/2023 11:38:56 AM	R96055

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-4R
Project: SFCJC
Collection Date: 4/5/2023 3:15:00 PM
Lab ID: 2304310-001
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
Surr: 4-Bromofluorobenzene	97.1	0	70-130		%Rec	1	4/14/2023 11:38:56 AM	R96055
Surr: Dibromofluoromethane	107	0	70-130		%Rec	1	4/14/2023 11:38:56 AM	R96055
Surr: Toluene-d8	93.1	0	70-130		%Rec	1	4/14/2023 11:38:56 AM	R96055

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: CMW-3R
Project: SFCJC
Collection Date: 4/5/2023 4:05:00 PM
Lab ID: 2304310-002
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: **NAI**	
Nitrogen, Nitrite (As N)	ND	0.50	0.50		mg/L	5	4/6/2023 7:59:40 PM	R95855
Nitrogen, Nitrate (As N)	ND	0.50	0.50		mg/L	5	4/6/2023 7:59:40 PM	R95855
Sulfate	39	2.5	2.5		mg/L	5	4/6/2023 7:59:40 PM	R95855
EPA METHOD 6010B: DISSOLVED METALS							Analyst: **JRR**	
Iron	0.33	0.017	0.020		mg/L	1	4/11/2023 3:00:33 PM	A95939
Manganese	2.7	0.0032	0.020		mg/L	10	4/11/2023 3:03:47 PM	A95939
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
Benzene	160	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Toluene	59	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Ethylbenzene	39	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Methyl tert-butyl ether (MTBE)	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,2,4-Trimethylbenzene	930	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,3,5-Trimethylbenzene	240	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,2-Dichloroethane (EDC)	ND	8.0	8.0		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,2-Dibromoethane (EDB)	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Naphthalene	110	40	40		µg/L	20	4/14/2023 6:04:32 AM	B96008
1-Methylnaphthalene	ND	80	80		µg/L	20	4/14/2023 6:04:32 AM	B96008
2-Methylnaphthalene	120	80	80		µg/L	20	4/14/2023 6:04:32 AM	B96008
Acetone	ND	200	200		µg/L	20	4/14/2023 6:04:32 AM	B96008
Bromobenzene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Bromodichloromethane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Bromoform	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Bromomethane	ND	60	60		µg/L	20	4/14/2023 6:04:32 AM	B96008
2-Butanone	ND	200	200		µg/L	20	4/14/2023 6:04:32 AM	B96008
Carbon disulfide	ND	200	200		µg/L	20	4/14/2023 6:04:32 AM	B96008
Carbon Tetrachloride	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Chlorobenzene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Chloroethane	ND	40	40		µg/L	20	4/14/2023 6:04:32 AM	B96008
Chloroform	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Chloromethane	ND	60	60		µg/L	20	4/14/2023 6:04:32 AM	B96008
2-Chlorotoluene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
4-Chlorotoluene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
cis-1,2-DCE	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
cis-1,3-Dichloropropene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,2-Dibromo-3-chloropropane	ND	40	40		µg/L	20	4/14/2023 6:04:32 AM	B96008
Dibromochloromethane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Dibromomethane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,2-Dichlorobenzene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: CMW-3R
Project: SFCJC
Collection Date: 4/5/2023 4:05:00 PM
Lab ID: 2304310-002
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
1,3-Dichlorobenzene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,4-Dichlorobenzene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Dichlorodifluoromethane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,1-Dichloroethane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,1-Dichloroethene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,2-Dichloropropane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,3-Dichloropropane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
2,2-Dichloropropane	ND	40	40		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,1-Dichloropropene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Hexachlorobutadiene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
2-Hexanone	ND	200	200		µg/L	20	4/14/2023 6:04:32 AM	B96008
Isopropylbenzene	40	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
4-Isopropyltoluene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
4-Methyl-2-pentanone	ND	200	200		µg/L	20	4/14/2023 6:04:32 AM	B96008
Methylene Chloride	ND	60	60		µg/L	20	4/14/2023 6:04:32 AM	B96008
n-Butylbenzene	ND	60	60		µg/L	20	4/14/2023 6:04:32 AM	B96008
n-Propylbenzene	59	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
sec-Butylbenzene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Styrene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
tert-Butylbenzene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,1,1,2-Tetrachloroethane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,1,2,2-Tetrachloroethane	ND	40	40		µg/L	20	4/14/2023 6:04:32 AM	B96008
Tetrachloroethene (PCE)	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
trans-1,2-DCE	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
trans-1,3-Dichloropropene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,2,3-Trichlorobenzene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,2,4-Trichlorobenzene	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,1,1-Trichloroethane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,1,2-Trichloroethane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Trichloroethene (TCE)	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Trichlorofluoromethane	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
1,2,3-Trichloropropane	ND	40	40		µg/L	20	4/14/2023 6:04:32 AM	B96008
Vinyl chloride	ND	20	20		µg/L	20	4/14/2023 6:04:32 AM	B96008
Xylenes, Total	720	30	30		µg/L	20	4/14/2023 6:04:32 AM	B96008
Surr: 1,2-Dichloroethane-d4	106	0	70-130		%Rec	20	4/14/2023 6:04:32 AM	B96008
Surr: 4-Bromofluorobenzene	90.6	0	70-130		%Rec	20	4/14/2023 6:04:32 AM	B96008
Surr: Dibromofluoromethane	106	0	70-130		%Rec	20	4/14/2023 6:04:32 AM	B96008
Surr: Toluene-d8	93.8	0	70-130		%Rec	20	4/14/2023 6:04:32 AM	B96008

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: CMW-4
Project: SFCJC
Collection Date: 4/5/2023 12:47:00 PM
Lab ID: 2304310-003 **Matrix:** AQUEOUS **Received Date:** 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8011/504.1: EDB							Analyst: **JME**	
1,2-Dibromoethane	ND	0.0040	0.094		µg/L	1	4/14/2023 7:24:01 PM	74224
NOTES: No trip blank was included with work order								
EPA METHOD 300.0: ANIONS							Analyst: **NAI**	
Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/6/2023 9:16:52 PM	R95855
Nitrogen, Nitrate (As N)	36	0.40	2.0	*	mg/L	20	4/6/2023 9:29:44 PM	R95855
Sulfate	110	1.2	2.5		mg/L	5	4/6/2023 9:16:52 PM	R95855
EPA METHOD 6010B: DISSOLVED METALS							Analyst: **JRR**	
Iron	0.077	0.017	0.020		mg/L	1	4/11/2023 3:06:26 PM	A95939
Manganese	0.34	0.00032	0.0020		mg/L	1	4/11/2023 3:06:26 PM	A95939
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
Benzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Toluene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Ethylbenzene	6.5	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Methyl tert-butyl ether (MTBE)	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,2,4-Trimethylbenzene	6.9	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,3,5-Trimethylbenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,2-Dichloroethane (EDC)	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,2-Dibromoethane (EDB)	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Naphthalene	ND	10	10		µg/L	5	4/14/2023 6:34:29 AM	B96008
1-Methylnaphthalene	ND	20	20		µg/L	5	4/14/2023 6:34:29 AM	B96008
2-Methylnaphthalene	ND	20	20		µg/L	5	4/14/2023 6:34:29 AM	B96008
Acetone	ND	50	50		µg/L	5	4/14/2023 6:34:29 AM	B96008
Bromobenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Bromodichloromethane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Bromoform	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Bromomethane	ND	15	15		µg/L	5	4/14/2023 6:34:29 AM	B96008
2-Butanone	ND	50	50		µg/L	5	4/14/2023 6:34:29 AM	B96008
Carbon disulfide	ND	50	50		µg/L	5	4/14/2023 6:34:29 AM	B96008
Carbon Tetrachloride	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Chlorobenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Chloroethane	ND	10	10		µg/L	5	4/14/2023 6:34:29 AM	B96008
Chloroform	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Chloromethane	ND	15	15		µg/L	5	4/14/2023 6:34:29 AM	B96008
2-Chlorotoluene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
4-Chlorotoluene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
cis-1,2-DCE	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
cis-1,3-Dichloropropene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: CMW-4
Project: SFCJC
Collection Date: 4/5/2023 12:47:00 PM
Lab ID: 2304310-003
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
1,2-Dibromo-3-chloropropane	ND	10	10		µg/L	5	4/14/2023 6:34:29 AM	B96008
Dibromochloromethane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Dibromomethane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,2-Dichlorobenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,3-Dichlorobenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,4-Dichlorobenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Dichlorodifluoromethane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,1-Dichloroethane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,1-Dichloroethene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,2-Dichloropropane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,3-Dichloropropane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
2,2-Dichloropropane	ND	10	10		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,1-Dichloropropene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Hexachlorobutadiene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
2-Hexanone	ND	50	50		µg/L	5	4/14/2023 6:34:29 AM	B96008
Isopropylbenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
4-Isopropyltoluene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
4-Methyl-2-pentanone	ND	50	50		µg/L	5	4/14/2023 6:34:29 AM	B96008
Methylene Chloride	ND	15	15		µg/L	5	4/14/2023 6:34:29 AM	B96008
n-Butylbenzene	ND	15	15		µg/L	5	4/14/2023 6:34:29 AM	B96008
n-Propylbenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
sec-Butylbenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Styrene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
tert-Butylbenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,1,1,2-Tetrachloroethane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,1,2,2-Tetrachloroethane	ND	10	10		µg/L	5	4/14/2023 6:34:29 AM	B96008
Tetrachloroethene (PCE)	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
trans-1,2-DCE	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
trans-1,3-Dichloropropene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,2,3-Trichlorobenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,2,4-Trichlorobenzene	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,1,1-Trichloroethane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,1,2-Trichloroethane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Trichloroethene (TCE)	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Trichlorofluoromethane	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
1,2,3-Trichloropropane	ND	10	10		µg/L	5	4/14/2023 6:34:29 AM	B96008
Vinyl chloride	ND	5.0	5.0		µg/L	5	4/14/2023 6:34:29 AM	B96008
Xylenes, Total	23	7.5	7.5		µg/L	5	4/14/2023 6:34:29 AM	B96008
Surr: 1,2-Dichloroethane-d4	95.0	0	70-130		%Rec	5	4/14/2023 6:34:29 AM	B96008

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
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S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: CMW-4
Project: SFCJC
Collection Date: 4/5/2023 12:47:00 PM
Lab ID: 2304310-003
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
Surr: 4-Bromofluorobenzene	93.7	0	70-130		%Rec	5	4/14/2023 6:34:29 AM	B96008
Surr: Dibromofluoromethane	111	0	70-130		%Rec	5	4/14/2023 6:34:29 AM	B96008
Surr: Toluene-d8	91.5	0	70-130		%Rec	5	4/14/2023 6:34:29 AM	B96008

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
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ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: CMW-1
Project: SFCJC
Collection Date: 4/5/2023 5:00:00 PM
Lab ID: 2304310-004
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8011/504.1: EDB							Analyst: **JME**	
1,2-Dibromoethane	0.018	0.0040	0.0094		µg/L	1	4/17/2023 5:06:16 PM	74351
NOTES: No trip blank was included with work order								
EPA METHOD 300.0: ANIONS							Analyst: **NAI**	
Nitrogen, Nitrite (As N)	ND	0.057	0.50		mg/L	5	4/6/2023 9:42:36 PM	R95855
Nitrogen, Nitrate (As N)	2.9	0.10	0.50		mg/L	5	4/6/2023 9:42:36 PM	R95855
Sulfate	50	1.2	2.5		mg/L	5	4/6/2023 9:42:36 PM	R95855
EPA METHOD 6010B: DISSOLVED METALS							Analyst: **JRR**	
Iron	0.64	0.017	0.020		mg/L	1	4/11/2023 3:12:42 PM	A95939
Manganese	2.7	0.0032	0.020		mg/L	10	4/11/2023 3:15:49 PM	A95939
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
Benzene	810	10	10		µg/L	10	4/14/2023 12:08:53 PM	R96055
Toluene	77	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Ethylbenzene	32	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Methyl tert-butyl ether (MTBE)	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,2,4-Trimethylbenzene	45	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,3,5-Trimethylbenzene	8.6	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,2-Dichloroethane (EDC)	12	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,2-Dibromoethane (EDB)	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Naphthalene	16	2.0	2.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1-Methylnaphthalene	11	4.0	4.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
2-Methylnaphthalene	9.9	4.0	4.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Acetone	16	10	10		µg/L	1	4/14/2023 7:04:25 AM	B96008
Bromobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Bromodichloromethane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Bromoform	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Bromomethane	ND	3.0	3.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
2-Butanone	ND	10	10		µg/L	1	4/14/2023 7:04:25 AM	B96008
Carbon disulfide	ND	10	10		µg/L	1	4/14/2023 7:04:25 AM	B96008
Carbon Tetrachloride	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Chlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Chloroethane	ND	2.0	2.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Chloroform	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Chloromethane	ND	3.0	3.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
2-Chlorotoluene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
4-Chlorotoluene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
cis-1,2-DCE	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
cis-1,3-Dichloropropene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: CMW-1
Project: SFCJC
Collection Date: 4/5/2023 5:00:00 PM
Lab ID: 2304310-004
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
1,2-Dibromo-3-chloropropane	ND	2.0	2.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Dibromochloromethane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Dibromomethane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,2-Dichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,3-Dichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,4-Dichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Dichlorodifluoromethane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,1-Dichloroethane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,1-Dichloroethene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,2-Dichloropropane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,3-Dichloropropane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
2,2-Dichloropropane	ND	2.0	2.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,1-Dichloropropene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Hexachlorobutadiene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
2-Hexanone	ND	10	10		µg/L	1	4/14/2023 7:04:25 AM	B96008
Isopropylbenzene	3.1	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
4-Isopropyltoluene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
4-Methyl-2-pentanone	ND	10	10		µg/L	1	4/14/2023 7:04:25 AM	B96008
Methylene Chloride	ND	3.0	3.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
n-Butylbenzene	ND	3.0	3.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
n-Propylbenzene	3.7	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
sec-Butylbenzene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Styrene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
tert-Butylbenzene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,1,1,2-Tetrachloroethane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,1,2,2-Tetrachloroethane	ND	2.0	2.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Tetrachloroethene (PCE)	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
trans-1,2-DCE	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
trans-1,3-Dichloropropene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,2,3-Trichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,2,4-Trichlorobenzene	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,1,1-Trichloroethane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,1,2-Trichloroethane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Trichloroethene (TCE)	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Trichlorofluoromethane	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
1,2,3-Trichloropropane	ND	2.0	2.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Vinyl chloride	ND	1.0	1.0		µg/L	1	4/14/2023 7:04:25 AM	B96008
Xylenes, Total	100	1.5	1.5		µg/L	1	4/14/2023 7:04:25 AM	B96008
Surr: 1,2-Dichloroethane-d4	119	0	70-130		%Rec	1	4/14/2023 7:04:25 AM	B96008

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
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Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: CMW-1
Project: SFCJC
Collection Date: 4/5/2023 5:00:00 PM
Lab ID: 2304310-004
Matrix: AQUEOUS
Received Date: 4/6/2023 2:05:00 PM

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260B: VOLATILES							Analyst: **JR**	
Surr: 4-Bromofluorobenzene	95.2	0	70-130		%Rec	1	4/14/2023 7:04:25 AM	B96008
Surr: Dibromofluoromethane	107	0	70-130		%Rec	1	4/14/2023 7:04:25 AM	B96008
Surr: Toluene-d8	93.6	0	70-130		%Rec	1	4/14/2023 7:04:25 AM	B96008

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
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ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
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ANALYTICAL REPORT

April 13, 2023

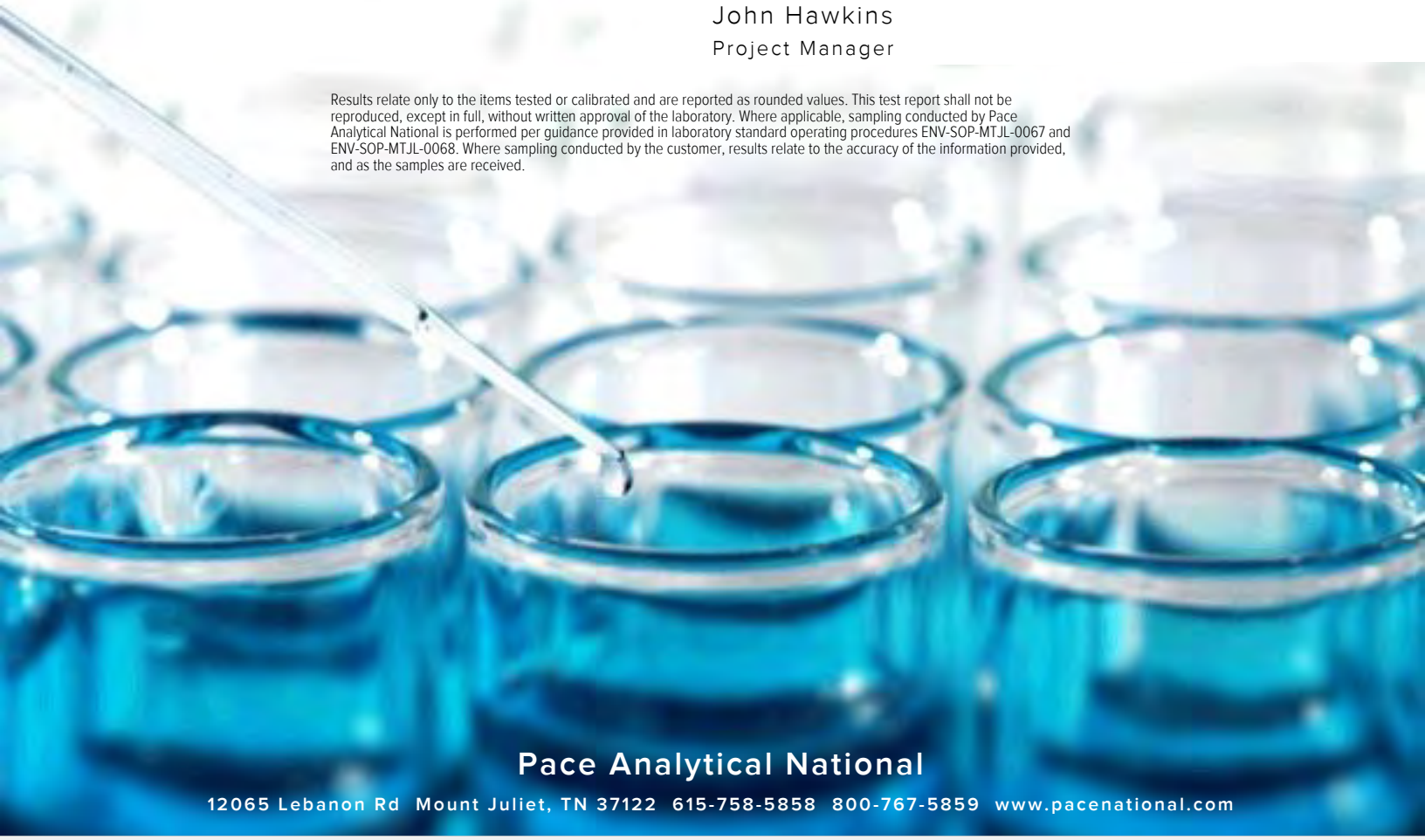
Hall Environmental Analysis Laboratory

Sample Delivery Group:	L1603341
Samples Received:	04/07/2023
Project Number:	
Description:	

Report To: Andy Freeman
4901 Hawkins NE
Albuquerque, NM 87109

Entire Report Reviewed By:

John Hawkins
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

SAMPLE SUMMARY

2304310-001EF MW-4R L1603341-01 GW

			Collected by	Collected date/time	Received date/time	
				04/05/23 15:15	04/07/23 09:20	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:43	04/08/23 16:43	NEF	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2040818	1	04/13/23 11:18	04/13/23 11:18	CCM	Mt. Juliet, TN

2304310-002DE CMW-3R L1603341-02 GW

			Collected by	Collected date/time	Received date/time	
				04/05/23 16:05	04/07/23 09:20	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:44	04/08/23 16:44	NEF	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2040818	1	04/13/23 11:25	04/13/23 11:25	CCM	Mt. Juliet, TN

2304310-003E CMW-4 L1603341-03 GW

			Collected by	Collected date/time	Received date/time	
				04/05/23 12:47	04/07/23 09:20	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:45	04/08/23 16:45	NEF	Mt. Juliet, TN

2304310-004EF CMW-1 L1603341-04 GW

			Collected by	Collected date/time	Received date/time	
				04/05/23 17:00	04/07/23 09:20	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 4500S2 D-2011	WG2038498	1	04/08/23 16:45	04/08/23 16:45	NEF	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2040818	1	04/13/23 13:06	04/13/23 13:06	CCM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

John Hawkins
Project Manager

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:43	WG2038498

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	ND		0.0100	1	04/13/2023 11:18	WG2040818
Ethane	ND		0.0130	1	04/13/2023 11:18	WG2040818
Ethene	ND		0.0130	1	04/13/2023 11:18	WG2040818
Acetylene	ND		0.0200	1	04/13/2023 11:18	WG2040818
Propane	ND		0.0186	1	04/13/2023 11:18	WG2040818

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:44	WG2038498

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	ND		0.0100	1	04/13/2023 11:25	WG2040818
Ethane	ND		0.0130	1	04/13/2023 11:25	WG2040818
Ethene	ND		0.0130	1	04/13/2023 11:25	WG2040818
Acetylene	ND		0.0200	1	04/13/2023 11:25	WG2040818
Propane	ND		0.0186	1	04/13/2023 11:25	WG2040818

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:45	WG2038498

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		0.0500	1	04/08/2023 16:45	WG2038498

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Methane	ND		0.0100	1	04/13/2023 13:06	WG2040818
Ethane	ND		0.0130	1	04/13/2023 13:06	WG2040818
Ethene	ND		0.0130	1	04/13/2023 13:06	WG2040818
Acetylene	ND		0.0200	1	04/13/2023 13:06	WG2040818
Propane	ND		0.0186	1	04/13/2023 13:06	WG2040818

Method Blank (MB)

(MB) R3911001-1 04/08/23 16:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Sulfide	U		0.0250	0.0500

L1603341-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1603341-02 04/08/23 16:44 • (DUP) R3911001-3 04/08/23 16:44

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	ND	ND	1	0.000		20

L1603416-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1603416-08 04/08/23 16:53 • (DUP) R3911001-6 04/08/23 16:55

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3911001-2 04/08/23 16:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	0.500	0.545	109	85.0-115	

L1603341-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1603341-04 04/08/23 16:45 • (MS) R3911001-4 04/08/23 16:46 • (MSD) R3911001-5 04/08/23 16:47

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfide	0.500	ND	0.469	0.467	93.8	93.4	1	80.0-120			0.427	20

Method Blank (MB)

(MB) R3912959-2 04/13/23 10:24

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Methane	U		0.00291	0.0100
Ethane	U		0.00407	0.0130
Ethene	U		0.00426	0.0130
Acetylene	U		0.00560	0.0200
Propane	U		0.00548	0.0186

L1603083-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1603083-03 04/13/23 10:42 • (DUP) R3912959-3 04/13/23 13:14

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	0.0962	0.0966	1	0.415		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20
Acetylene	ND	ND	1	0.000		20
Propane	ND	ND	1	0.000		20

L1603416-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1603416-03 04/13/23 13:38 • (DUP) R3912959-4 04/13/23 15:26

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	ND	ND	1	0.000		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20
Acetylene	ND	ND	1	0.000		20
Propane	ND	ND	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3912959-1 04/13/23 10:16 • (LCSD) R3912959-5 04/13/23 15:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	0.0678	0.0642	0.0644	94.7	95.0	85.0-115			0.311	20
Ethane	0.129	0.116	0.116	89.9	89.9	85.0-115			0.000	20
Ethene	0.127	0.116	0.116	91.3	91.3	85.0-115			0.000	20
Acetylene	0.208	0.188	0.189	90.4	90.9	85.0-115			0.531	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3912959-1 04/13/23 10:16 • (LCSD) R3912959-5 04/13/23 15:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Propane	0.186	0.170	0.170	91.4	91.4	85.0-115			0.000	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975
FAX: 505-345-4107
Website: www.hallenvironmental.com

A088

SUB CONTRATOR: Pace TN	COMPANY: PACE TN	PHONE: (800) 767-5859	FAX: (615) 758-5859
ADDRESS: 12065 Lebanon Rd		ACCOUNT #:	EMAIL:
CITY, STATE, ZIP: Mt. Juliet, TN 37122			

L1603341

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2304310-001E	MW-4R	500PLNAOH ZNAC	Aqueous	4/5/2023 3:15:00 PM	1	Sulfide
2	2304310-001F	MW-4R	VOAHCL	Aqueous	4/5/2023 3:15:00 PM	3	Methane,Ethane,Ethene, Propane.
3	2304310-002D	CMW-3R	500PLNAOH ZNAC	Aqueous	4/5/2023 4:05:00 PM	1	Sulfide
4	2304310-002E	CMW-3R	VOAHCL	Aqueous	4/5/2023 4:05:00 PM	3	Methane,Ethane,Ethene, Propane.
5	2304310-003E	CMW-4	500PLNAOH ZNAC	Aqueous	4/5/2023 12:47:00 PM	1	Sulfide
6	2304310-004E	CMW-1	500PLNAOH ZNAC	Aqueous	4/5/2023 5:00:00 PM	1	Sulfide
7	2304310-004F	CMW-1	VOAHCL	Aqueous	4/5/2023 5:00:00 PM	3	Methane,Ethane,Ethene, Propane.

-001
-002
-003
-004

NSAG
2,3+2,3

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres.Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RAD Screen <0.5 mR/hr:	Y N		

6094546997 61

SPECIAL INSTRUCTIONS / COMMENTS:

Please include the LAB ID and the CLIENT SAMPLE ID on all final reports. Please e-mail results to lab@hallenvironmental.com. Please return all coolers and blue ice. Thank you.

	Date	Time		Date	Time
Relinquished By:	4/6/2023	3:04 PM	Received By:	4/7/23	920
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAT: Standard ☐ RUSH Next BD ☐ 2nd BD ☐ 3rd BD ☐

REPORT TRANSMITTAL DESIRED:
☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY
Temp of samples _____ °C Attempt to Cool ? _____
Comments: _____

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304310**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R95855**	RunNo: **95855**
Prep Date:	Analysis Date: **4/6/2023**	SeqNo: **3470180** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R95855**	RunNo: **95855**
Prep Date:	Analysis Date: **4/6/2023**	SeqNo: **3470181** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	0.97	0.10	1.000	0	97.2	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	101	90	110			
Sulfate	9.6	0.50	10.00	0	96.3	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304310**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **MB-74224**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**							
Client ID: **PBW**	Batch ID: **74224**	RunNo: **96051**							
Prep Date: **4/13/2023**	Analysis Date: **4/14/2023**	SeqNo: **3478666**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID: **MB-74224**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**							
Client ID: **PBW**	Batch ID: **74224**	RunNo: **96051**							
Prep Date: **4/13/2023**	Analysis Date: **4/14/2023**	SeqNo: **3478667**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID: **LCS-74224**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**							
Client ID: **LCSW**	Batch ID: **74224**	RunNo: **96051**							
Prep Date: **4/13/2023**	Analysis Date: **4/14/2023**	SeqNo: **3478668**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.16	0.010	0.1000	0	159	70	130			S

Sample ID: **LCS-74224**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**							
Client ID: **LCSW**	Batch ID: **74224**	RunNo: **96051**							
Prep Date: **4/13/2023**	Analysis Date: **4/14/2023**	SeqNo: **3478669**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.16	0.010	0.1000	0	161	70	130			S

Sample ID: **MB-74351**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**							
Client ID: **PBW**	Batch ID: **74351**	RunNo: **96075**							
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480133**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID: **MB-74351**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**							
Client ID: **PBW**	Batch ID: **74351**	RunNo: **96075**							
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480134**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304310**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **LCS-74351**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480135** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.10	0.010	0.1000	0	105	70	130			

Sample ID: **LCS-74351**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480136** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.10	0.010	0.1000	0	102	70	130			

Sample ID: **LCSD-74351**	SampType: **LCSD**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSS02**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480137** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.13	0.010	0.1000	0	134	70	130	24.4	20	RS

Sample ID: **LCSD-74351**	SampType: **LCSD**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSS02**	Batch ID: **74351**	RunNo: **96075**
Prep Date: **4/17/2023**	Analysis Date: **4/17/2023**	SeqNo: **3480138** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.13	0.010	0.1000	0	132	70	130	25.1	20	RS

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304310**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **100ng lcs2**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **B96008**	RunNo: **96008**
Prep Date:	Analysis Date: **4/13/2023**	SeqNo: **3476318** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	110	70	130			
Toluene	19	1.0	20.00	0	96.7	70	130			
Chlorobenzene	21	1.0	20.00	0	104	70	130			
1,1-Dichloroethene	18	1.0	20.00	0	88.3	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	94.8	70	130			
Surr: 1,2-Dichloroethane-d4	8.9		10.00		89.0	70	130			
Surr: 4-Bromofluorobenzene	9.2		10.00		91.6	70	130			
Surr: Dibromofluoromethane	11		10.00		107	70	130			
Surr: Toluene-d8	9.4		10.00		93.6	70	130			

Sample ID: **mb2**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **B96008**	RunNo: **96008**
Prep Date:	Analysis Date: **4/13/2023**	SeqNo: **3476353** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304310**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **mb2**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **B96008**	RunNo: **96008**
Prep Date:	Analysis Date: **4/13/2023**	SeqNo: **3476353** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304310**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **mb2**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **B96008**	RunNo: **96008**
Prep Date:	Analysis Date: **4/13/2023**	SeqNo: **3476353** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.6	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		96.6	70	130			
Surr: Dibromofluoromethane	11		10.00		109	70	130			
Surr: Toluene-d8	9.2		10.00		92.2	70	130			

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R96055**	RunNo: **96055**
Prep Date:	Analysis Date: **4/14/2023**	SeqNo: **3478056** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	106	70	130			
Toluene	18	1.0	20.00	0	91.5	70	130			
Chlorobenzene	20	1.0	20.00	0	100	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	87.0	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	96.8	70	130			
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.6	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		95.9	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	9.1		10.00		90.7	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R96055**	RunNo: **96055**
Prep Date:	Analysis Date: **4/14/2023**	SeqNo: **3478098** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304310**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R96055**	RunNo: **96055**
Prep Date:	Analysis Date: **4/14/2023**	SeqNo: **3478098** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304310**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R96055**	RunNo: **96055**
Prep Date:	Analysis Date: **4/14/2023**	SeqNo: **3478098** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.7	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		96.6	70	130			
Surr: Dibromofluoromethane	11		10.00		107	70	130			
Surr: Toluene-d8	9.3		10.00		93.1	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2304310**

08-Jun-23

Client: EA Engineering

Project: SFCJC

Sample ID: **MB-A**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **A95939**	RunNo: **95939**
Prep Date:	Analysis Date: **4/11/2023**	SeqNo: **3474310** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	ND	0.020								
Manganese	ND	0.0020								

Sample ID: **LCS-A**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **A95939**	RunNo: **95939**
Prep Date:	Analysis Date: **4/11/2023**	SeqNo: **3474312** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Iron	0.51	0.020	0.5000	0	102	80	120			
Manganese	0.52	0.0020	0.5000	0	105	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: EA Engineering | Work Order Number: 2304310 | RcptNo: 1

Received By: Sean Livingston 4/6/2023 2:05:00 PM

Completed By: Tracy Casarrubias 4/6/2023 2:47:40 PM

Reviewed By: SUB: JR 4/6/23 4-6-23

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Client		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: 8 (<2 or >12 unless noted)

Adjusted? NO

Checked by: TME 4/6/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: ____ Date: ____

By Whom: ____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: ____

Client Instructions: ____

16. Additional remarks: Trip Blanks were not sent - TME 4/6/23

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.9	Good	Not Present	Morty		
2	2.9	Good	Not Present	Morty		
3	3.4	Good	Not Present	Morty		

Chain-of-Custody Record

Client: EA ENGINEERING

Mailing Address: 320 GOLD AVE SW
SUITE 1300 ABQ, NM 87102

Phone #: 505-235-9037

email or Fax#: mmcvey@eaest.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name:
SFCJC

Project #:
6347006

Project Manager:
M. MCVEY

Sampler: S. FINCH D. O'BRIEN

On Ice: ☑ Yes ☐ No

# of Coolers: 3 Matt

Cooler Temp (Including CF): see remarks (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2304310	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, (NO3), (NO2), PO4, (SO4)	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	6010 (Fe/Mn)	SULFIDE	DISSOLVED GASES
4-5-23	1515	A	MW-4R		H_2SO_4	001				X			X	X			X	X	X
4-5-23	1605	A	CMW-3R			002							X	X			X	X	X
4-5-23	1247	A	CMW-4			003				X			X	X			X	X	
4-5-23	1700	A	CMW-1			004				X			X	X			X	X	X
—	—	A	TRIP BLANK	3 VOA	HCl/$Na_2S_2O_3$	005													

Remarks:
4.9 - 0.1 = 4.9°C
3.5 - 0.1 = 3.4°C
3.0 - 0.1 = 2.9°C

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4-6-23	1405		SGR	CUD	4/6/23	14:05
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Appendix C – Microbial Insights Laboratory Report

10515 Research Drive
Knoxville, TN 37932
Phone: 865.573.8188
Fax: 865.573.8133
Web: www.microbe.com

SITE LOGIC Report

QuantArray®-Petro Study

Contact: Michael McVey
Phone: 505-224-9013
Address: EA Engineering
320 Gold Ave SW
Suite 1300
Albuquerque, NM 87102
Email: mmcvey@eaest.com

MI Identifier: 018UD

Report Date: 04/19/2023

Project: Santa Fe County Judicial Complex, 6347006.04
Comments:

The QuantArray®-Petro Approach

Comprehensive evaluation of biodegradation potential at petroleum impacted sites is inherently problematic due to two factors:

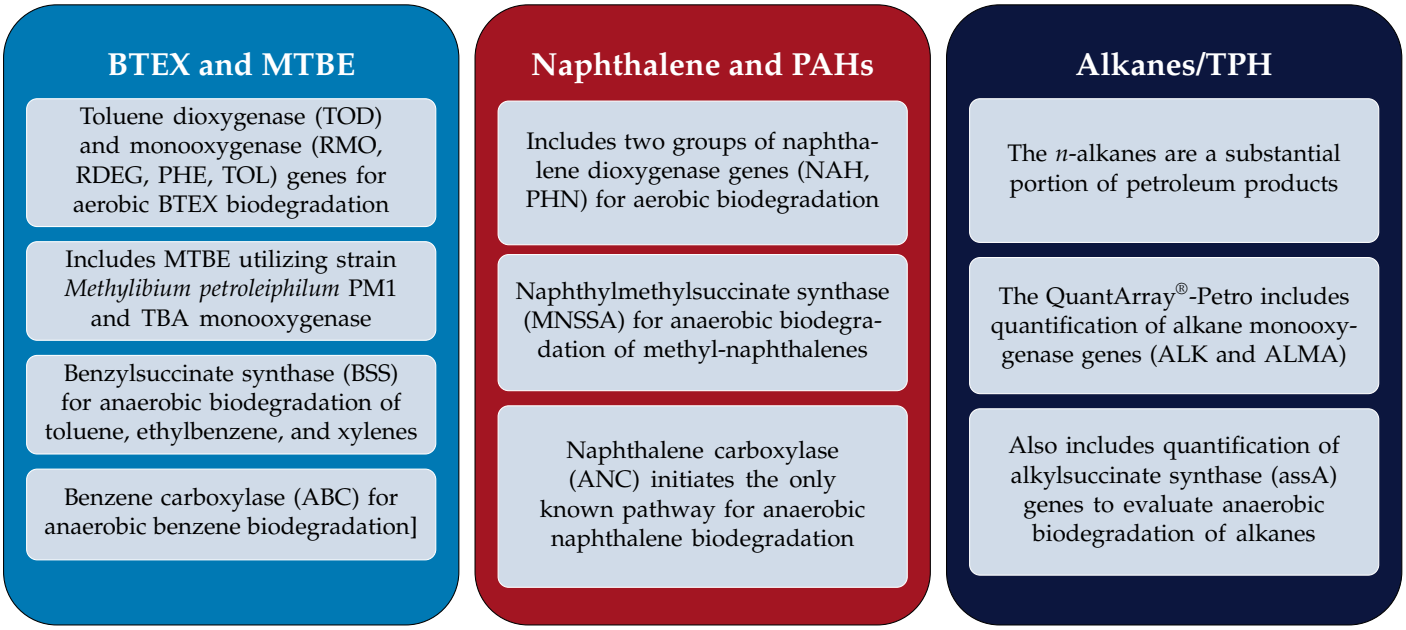
(1) Petroleum products are complex mixtures of hundreds of aliphatic, aromatic, cyclic, and heterocyclic compounds.

(2) Even for common classes of contaminants like benzene, toluene, ethylbenzene, and xylenes (BTEX), biodegradation can proceed by a multitude of pathways.

The QuantArray®-Petro has been designed to address both of these issues by providing the simultaneous quantification of the specific functional genes responsible for both aerobic and anaerobic biodegradation of BTEX, PAHs, and a variety of short and long chain alkanes.

Thus, when combined with chemical and geochemical groundwater monitoring programs, the QuantArray®-Petro allows site managers to simultaneously yet economically evaluate the potential for biodegradation of a spectrum of petroleum hydrocarbons through a multitude of aerobic and anaerobic pathways to give a much clearer and comprehensive view of contaminant biodegradation.

The QuantArray®-Petro is used to quantify specific microorganisms and functional genes to evaluate aerobic and anaerobic biodegradation of the following classes of compounds present in petroleum products:



How do QuantArrays® work?

The QuantArray®-Petro in many respects is a hybrid technology combining the highly parallel detection of microarrays with the accurate and precise quantification provided by qPCR into a single platform. The key to highly parallel qPCR reactions is the nanoliter fluidics platform for low volume, solution phase qPCR reactions.

10515 Research Drive
Knoxville, TN 37932
Phone: 865.573.8188
Fax: 865.573.8133
Web: www.microbe.com

How are QuantArray® results reported?

One of the primary advantages of the QuantArray®-Petro is the simultaneous quantification of a broad spectrum of different microorganisms and key functional genes involved in a variety of pathways for hydrocarbon biodegradation. However, highly parallel quantification combined with various metabolic and cometabolic capabilities of different target organisms can complicate data presentation. Therefore, in addition to Summary Tables, QuantArray®-Petro results will be presented as Microbial Population Summary and Comparison Figures to aid in the data interpretation and subsequent evaluation of site management activities.

Types of Tables and Figures:

Microbial Population Summary	Figure presenting the concentrations of QuantArray®-Petro target gene concentrations (e.g. toluene dioxygenase) relative to typically observed values.
Summary Tables	Tables of target population concentrations grouped by biodegradation pathway and contaminant type.
Comparison Figures	Depending on the project, sample results can be presented to compare changes over time or examine differences in microbial populations along a transect of the dissolved plume.

10515 Research Drive
Knoxville, TN 37932
Phone: 865.573.8188
Fax: 865.573.8133
Web: www.microbe.com

Results

Table 1: Summary of the QuantArray®-Petro results obtained for samples MW-11, TWN-3, and SFCMW-10.

Sample Name Sample Date	MW-11 04/05/2023	TWN-3 04/05/2023	SFCMW-10 04/05/2023
Aerobic BTEX and MTBE	cells/bead	cells/bead	cells/bead
Toluene/Benzene Dioxygenase (TOD)	<2.50E+02	<2.50E+02	<2.50E+02
Phenol Hydroxylase (PHE)	**1.44E+05**	**4.64E+04**	**1.88E+05**
Toluene 2 Monooxygenase/Phenol Hydroxylase (RDEG)	**2.49E+03**	**2.77E+04**	**2.61E+05**
Toluene Ring Hydroxylating Monooxygenases (RMO)	**5.20E+04**	**6.03E+04**	**3.25E+04**
Xylene/Toluene Monooxygenase (TOL)	<2.50E+02	<2.50E+02	<2.50E+02
Ethylbenzene/Isopropylbenzene Dioxygenase (EDO)	**5.19E+04**	<2.50E+02	**2.79E+04**
Biphenyl/Isopropylbenzene Dioxygenase (BPH4)	<2.50E+02	<2.50E+02	<2.50E+02
Methylibium petroleiphilum PM1 (PM1)	<2.50E+02	<2.50E+02	<2.50E+02
TBA Monooxygenase (TBA)	<2.50E+02	<2.50E+02	<2.50E+02
Aerobic PAHs and Alkanes			
Naphthalene Dioxygenase (NAH)	<2.50E+02	<2.50E+02	<2.50E+02
Naphthalene-inducible Dioxygenase (NidA)	<2.50E+02	<2.50E+02	**1.75E+04**
Phenanthrene Dioxygenase (PHN)	<2.50E+02	<2.50E+02	<2.50E+02
Alkane Monooxygenase (ALK)	**1.09E+02 (J)**	**4.62E+02**	**4.04E+03**
Alkane Monooxygenase (ALMA)	<2.50E+02	<2.50E+02	<2.50E+02
Anaerobic BTEX			
Benzoyl Coenzyme A Reductase (BCR)	**2.52E+04**	**3.49E+03**	**2.16E+04**
Benzylsuccinate Synthase (BSS)	**7.69E+03**	**2.27E+03**	**8.36E+03**
Benzene Carboxylase (ABC)	<2.50E+02	<2.50E+02	<2.50E+02
Anaerobic PAHs and Alkanes			
Naphthylmethylsuccinate Synthase (MNSSA)	<2.50E+02	<2.50E+02	**8.24E+03**
Naphthalene Carboxylase (ANC)	<2.50E+02	<2.50E+02	<2.50E+02
Alkylsuccinate Synthase (ASSA)	<2.50E+02	<2.50E+02	**9.05E+01 (J)**
Other			
Total Eubacteria (EBAC)	**2.41E+07**	**2.28E+07**	**1.68E+07**
Sulfate Reducing Bacteria (APS)	**8.87E+05**	**1.51E+05**	**8.66E+04**
CENSUS Targets			
Dehalococcoides (DHC)	<2.50E+01	<2.50E+01	<2.50E+01
Dehalobacter spp. (DHBt)	**1.19E+04**	<2.50E+02	**6.43E+03**
1,2 DCA Reductase (DCAR)	<2.50E+02	<2.50E+02	<2.50E+02

Legend:
NA = Not Analyzed
I = Inhibited
NS = Not Sampled
< = Result Not Detected
J = Estimated Gene Copies Below PQL but Above LQL

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Table 2: Summary of the QuantArray®-Petro results obtained for samples MW-1R, MW-4R, and CMW-1.

Sample Name Sample Date	MW-1R 04/05/2023	MW-4R 04/05/2023	CMW-1 04/05/2023
Aerobic BTEX and MTBE	cells/bead	cells/bead	cells/bead
Toluene/Benzene Dioxygenase (TOD)	<2.50E+02	<2.50E+02	<2.50E+02
Phenol Hydroxylase (PHE)	**2.78E+06**	**3.73E+06**	**2.40E+06**
Toluene 2 Monooxygenase/Phenol Hydroxylase (RDEG)	**1.62E+06**	**2.13E+06**	**4.40E+06**
Toluene Ring Hydroxylating Monooxygenases (RMO)	**1.70E+06**	**3.30E+05**	**9.94E+06**
Xylene/Toluene Monooxygenase (TOL)	**7.29E+03**	**2.63E+04**	<2.50E+02
Ethylbenzene/Isopropylbenzene Dioxygenase (EDO)	**8.50E+05**	**1.09E+06**	<2.50E+02
Biphenyl/Isopropylbenzene Dioxygenase (BPH4)	<2.50E+02	<2.50E+02	**4.81E+03**
Methylibium petroleiphilum PM1 (PM1)	<2.50E+02	<2.50E+02	**7.27E+04**
TBA Monooxygenase (TBA)	<2.50E+02	<2.50E+02	**4.67E+04**
Aerobic PAHs and Alkanes			
Naphthalene Dioxygenase (NAH)	<2.50E+02	<2.50E+02	<2.50E+02
Naphthalene-inducible Dioxygenase (NidA)	**5.09E+03**	**9.43E+03**	<2.50E+02
Phenanthrene Dioxygenase (PHN)	<2.50E+02	<2.50E+02	<2.50E+02
Alkane Monooxygenase (ALK)	**1.62E+04**	**2.45E+05**	**1.19E+05**
Alkane Monooxygenase (ALMA)	<2.50E+02	<2.50E+02	<2.50E+02
Anaerobic BTEX			
Benzoyl Coenzyme A Reductase (BCR)	**1.49E+04**	**2.59E+04**	**2.77E+04**
Benzylsuccinate Synthase (BSS)	**1.07E+02 (J)**	**3.33E+04**	**5.15E+03**
Benzene Carboxylase (ABC)	<2.50E+02	<2.50E+02	<2.50E+02
Anaerobic PAHs and Alkanes			
Naphthylmethylsuccinate Synthase (MNSSA)	<2.50E+02	<2.50E+02	<2.50E+02
Naphthalene Carboxylase (ANC)	<2.50E+02	<2.50E+02	<2.50E+02
Alkylsuccinate Synthase (ASSA)	<2.50E+02	**1.33E+03**	<2.50E+02
Other			
Total Eubacteria (EBAC)	**8.65E+07**	**2.77E+08**	**7.12E+08**
Sulfate Reducing Bacteria (APS)	**4.80E+05**	**7.94E+03**	**8.38E+04**
CENSUS Targets			
Dehalococcoides (DHC)	<2.50E+01	**1.56E+02**	<2.50E+01
Dehalobacter spp. (DHBt)	<2.50E+02	<2.50E+02	<2.50E+02
1,2 DCA Reductase (DCAR)	<2.50E+02	<2.50E+02	<2.50E+02

Legend:
NA = Not Analyzed
NS = Not Sampled
J = Estimated Gene Copies Below PQL but Above LQL
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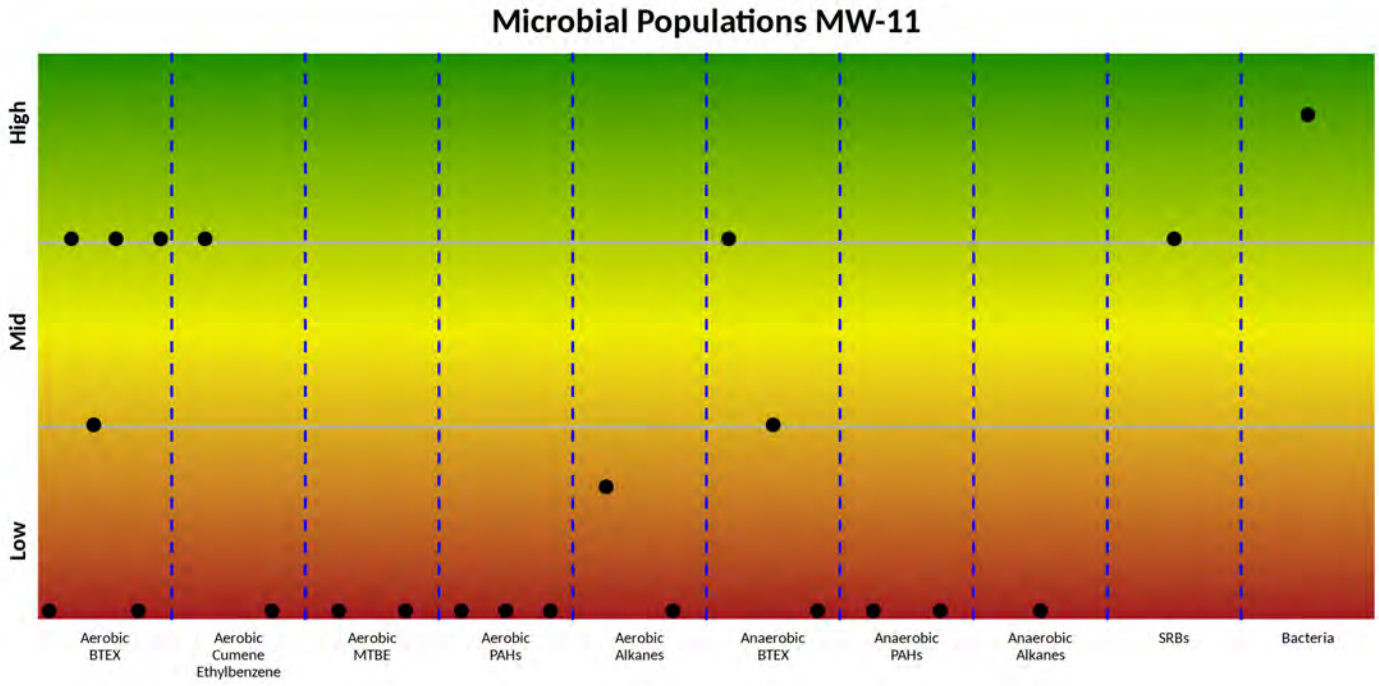

Figure 1: Microbial population summary to aid in evaluating potential pathways and biodegradation of specific contaminants.

Aerobic		Anaerobic	
BTEX	TOD, PHE, RDEG, RMO, TOL, EDO	BTEX	BCR, BSS, ABC
Cumene, Ethylbenzene	EDO, BPH4	Naphthalene/Methylnaphthalene	MNSSA, ANC
MTBE/TBA	PM1, TBA	Alkanes	assA
Naphthalene	NAH, NidA		
Phenanthrene	PHN		
Alkanes	ALK, ALMA		

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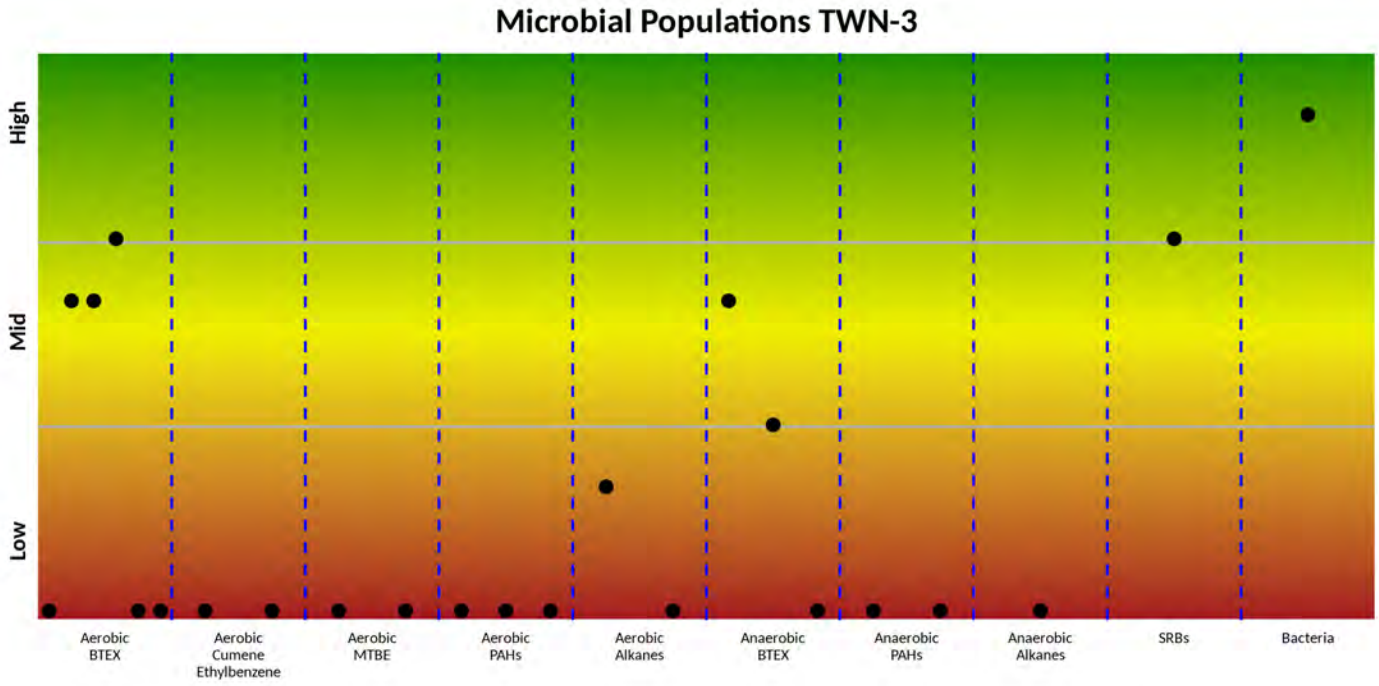

Figure 2: Microbial population summary to aid in evaluating potential pathways and biodegradation of specific contaminants.

Aerobic		Anaerobic	
BTEX	TOD, PHE, RDEG, RMO, TOL, EDO	BTEX	BCR, BSS, ABC
Cumene, Ethylbenzene	EDO, BPH4	Naphthalene/Methylnaphthalene	MNSSA, ANC
MTBE/TBA	PM1, TBA	Alkanes	assA
Naphthalene	NAH, NidA		
Phenanthrene	PHN		
Alkanes	ALK, ALMA		

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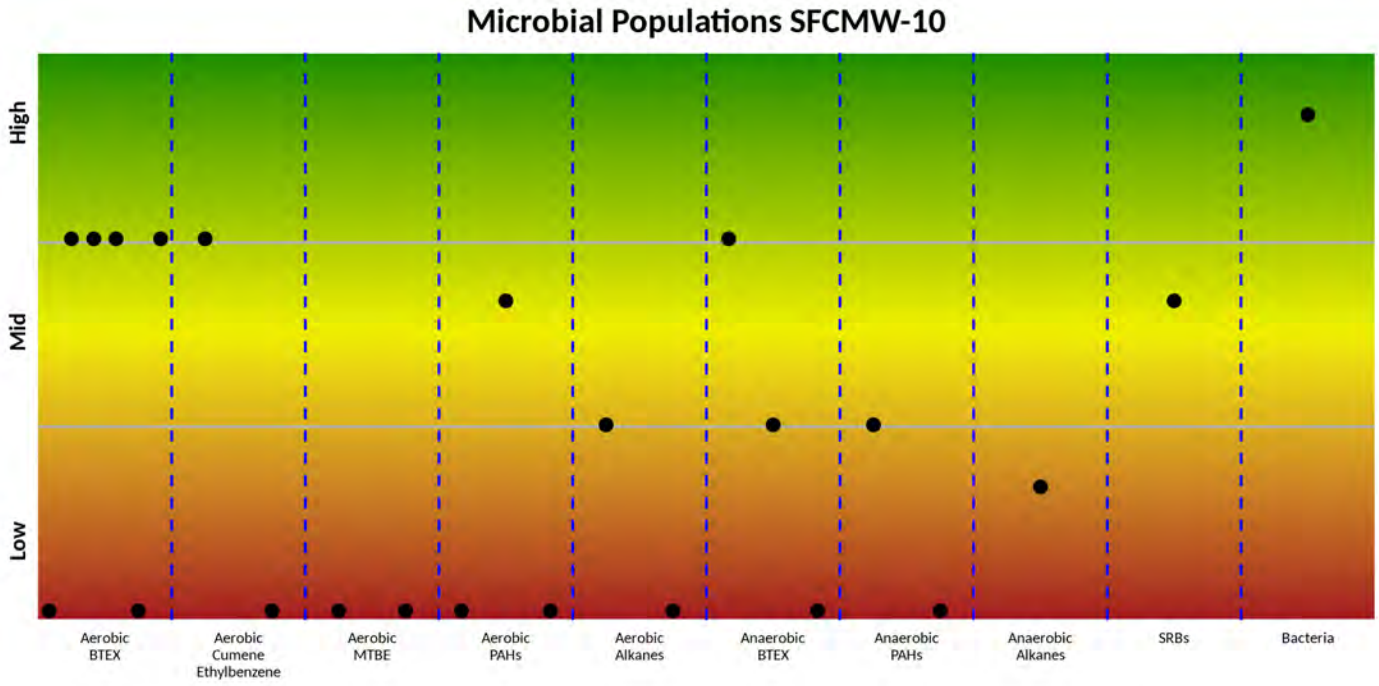

Figure 3: Microbial population summary to aid in evaluating potential pathways and biodegradation of specific contaminants.

Aerobic		Anaerobic	
BTEX	TOD, PHE, RDEG, RMO, TOL, EDO	BTEX	BCR, BSS, ABC
Cumene, Ethylbenzene	EDO, BPH4	Naphthalene/Methylnaphthalene	MNSSA, ANC
MTBE/TBA	PM1, TBA	Alkanes	assA
Naphthalene	NAH, NidA		
Phenanthrene	PHN		
Alkanes	ALK, ALMA		

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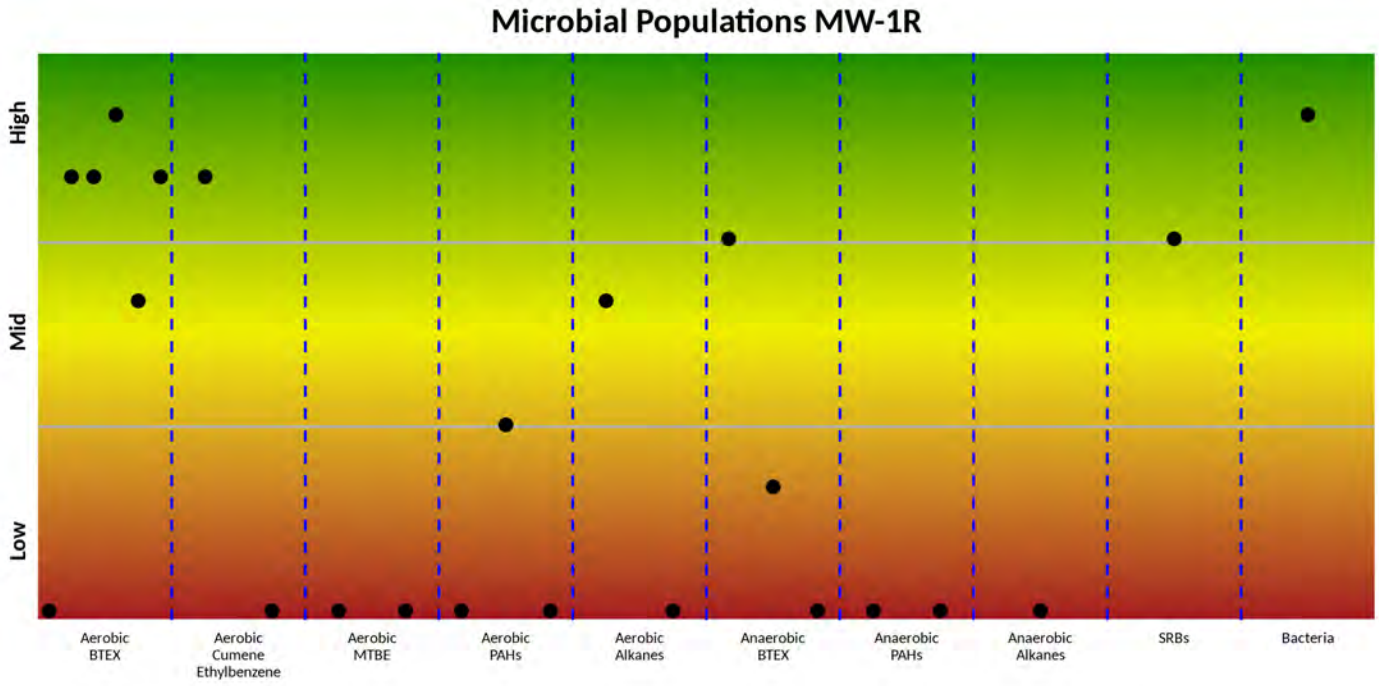

Figure 4: Microbial population summary to aid in evaluating potential pathways and biodegradation of specific contaminants.

Aerobic		Anaerobic	
BTEX	TOD, PHE, RDEG, RMO, TOL, EDO	BTEX	BCR, BSS, ABC
Cumene, Ethylbenzene	EDO, BPH4	Naphthalene/Methylnaphthalene	MNSSA, ANC
MTBE/TBA	PM1, TBA	Alkanes	assA
Naphthalene	NAH, NidA		
Phenanthrene	PHN		
Alkanes	ALK, ALMA		

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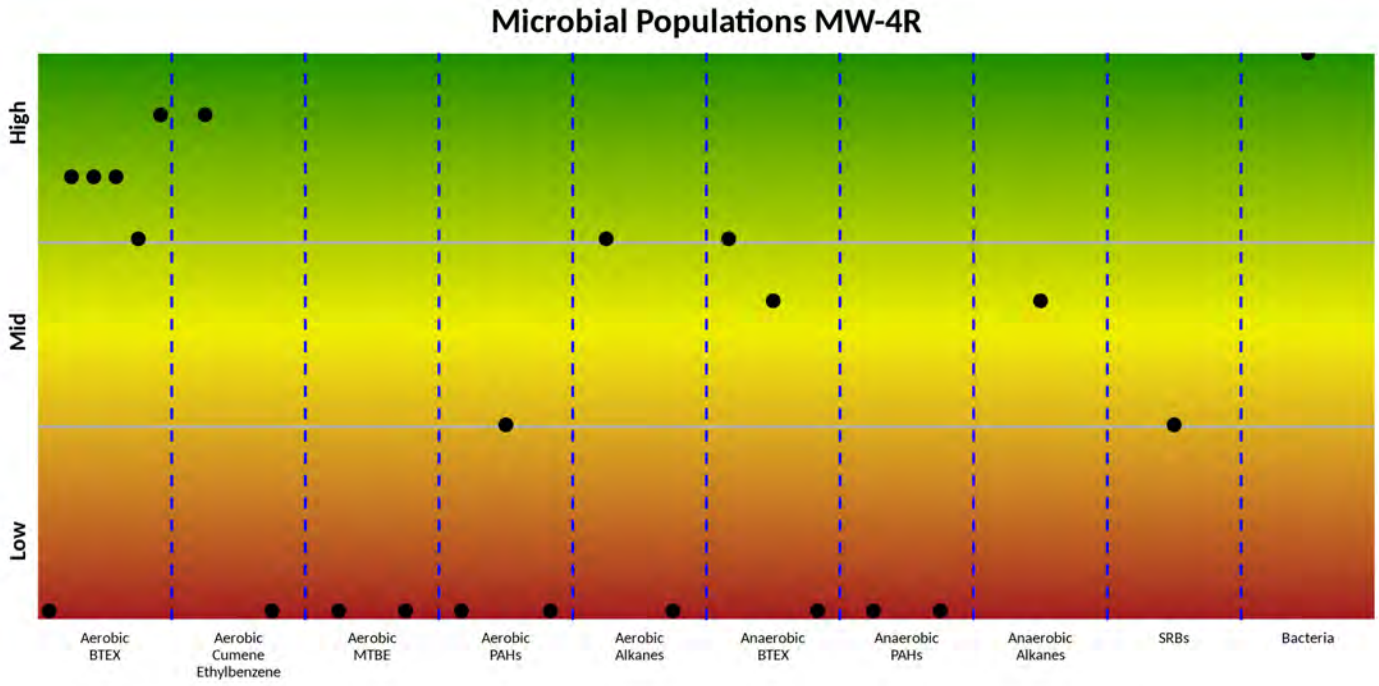

Figure 5: Microbial population summary to aid in evaluating potential pathways and biodegradation of specific contaminants.

Aerobic		Anaerobic	
BTEX	TOD, PHE, RDEG, RMO, TOL, EDO	BTEX	BCR, BSS, ABC
Cumene, Ethylbenzene	EDO, BPH4	Naphthalene/Methylnaphthalene	MNSSA, ANC
MTBE/TBA	PM1, TBA	Alkanes	assA
Naphthalene	NAH, NidA		
Phenanthrene	PHN		
Alkanes	ALK, ALMA		

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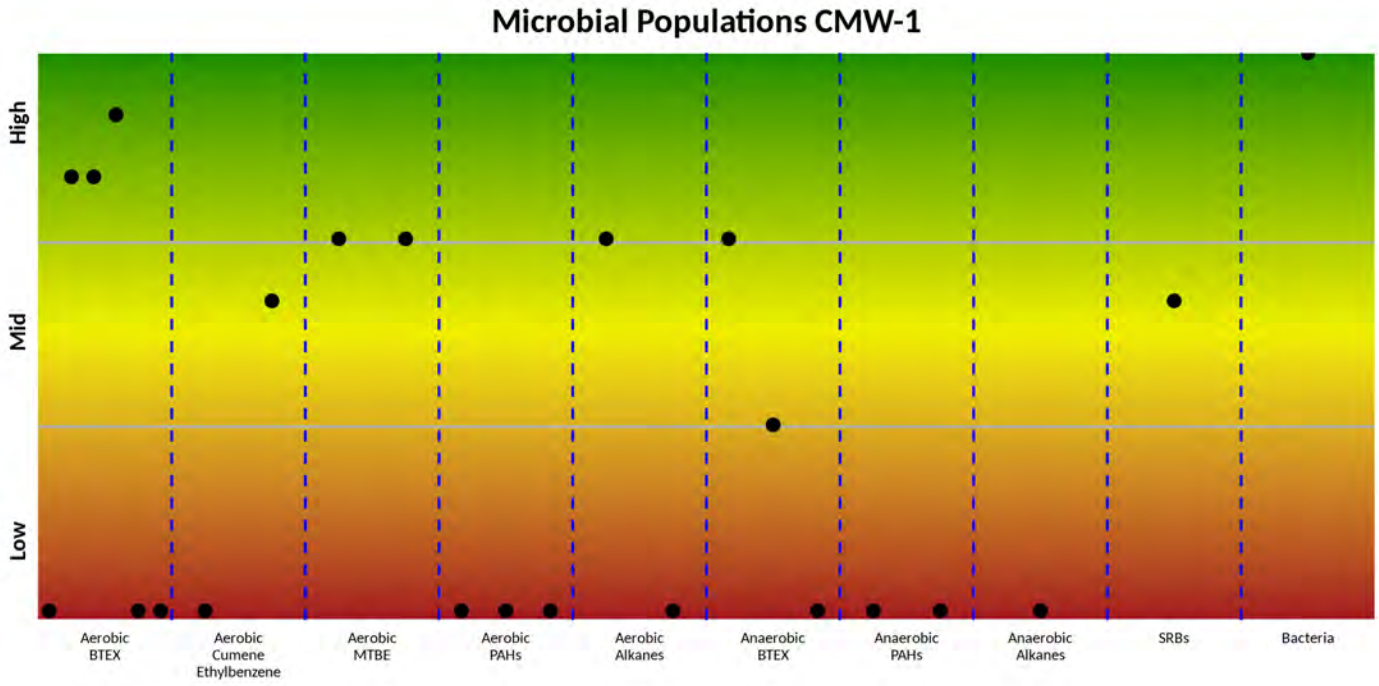

Figure 6: Microbial population summary to aid in evaluating potential pathways and biodegradation of specific contaminants.

Aerobic		Anaerobic	
BTEX	TOD, PHE, RDEG, RMO, TOL, EDO	BTEX	BCR, BSS, ABC
Cumene, Ethylbenzene	EDO, BPH4	Naphthalene/Methylnaphthalene	MNSSA, ANC
MTBE/TBA	PM1, TBA	Alkanes	assA
Naphthalene	NAH, NidA		
Phenanthrene	PHN		
Alkanes	ALK, ALMA		

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Table 3: Summary of the QuantArray®-Petro results for microorganisms responsible for aerobic biodegradation of BTEX and MTBE for samples MW-11, TWN-3, and SFCMW-10.

Sample Name Sample Date	MW-11 04/05/2023	TWN-3 04/05/2023	SFCMW-10 04/05/2023
Aerobic BTEX and MTBE	cells/bead	cells/bead	cells/bead
Toluene/Benzene Dioxygenase (TOD)	<2.50E+02	<2.50E+02	<2.50E+02
Phenol Hydroxylase (PHE)	**1.44E+05**	**4.64E+04**	**1.88E+05**
Toluene 2 Monooxygenase/Phenol Hydroxylase (RDEG)	**2.49E+03**	**2.77E+04**	**2.61E+05**
Toluene Ring Hydroxylating Monooxygenases (RMO)	**5.20E+04**	**6.03E+04**	**3.25E+04**
Xylene/Toluene Monooxygenase (TOL)	<2.50E+02	<2.50E+02	<2.50E+02
Ethylbenzene/Isopropylbenzene Dioxygenase (EDO)	**5.19E+04**	<2.50E+02	**2.79E+04**
Biphenyl/Isopropylbenzene Dioxygenase (BPH4)	<2.50E+02	<2.50E+02	<2.50E+02
Methylibium petroleiphilum PM1 (PM1)	<2.50E+02	<2.50E+02	<2.50E+02
TBA Monooxygenase (TBA)	<2.50E+02	<2.50E+02	<2.50E+02

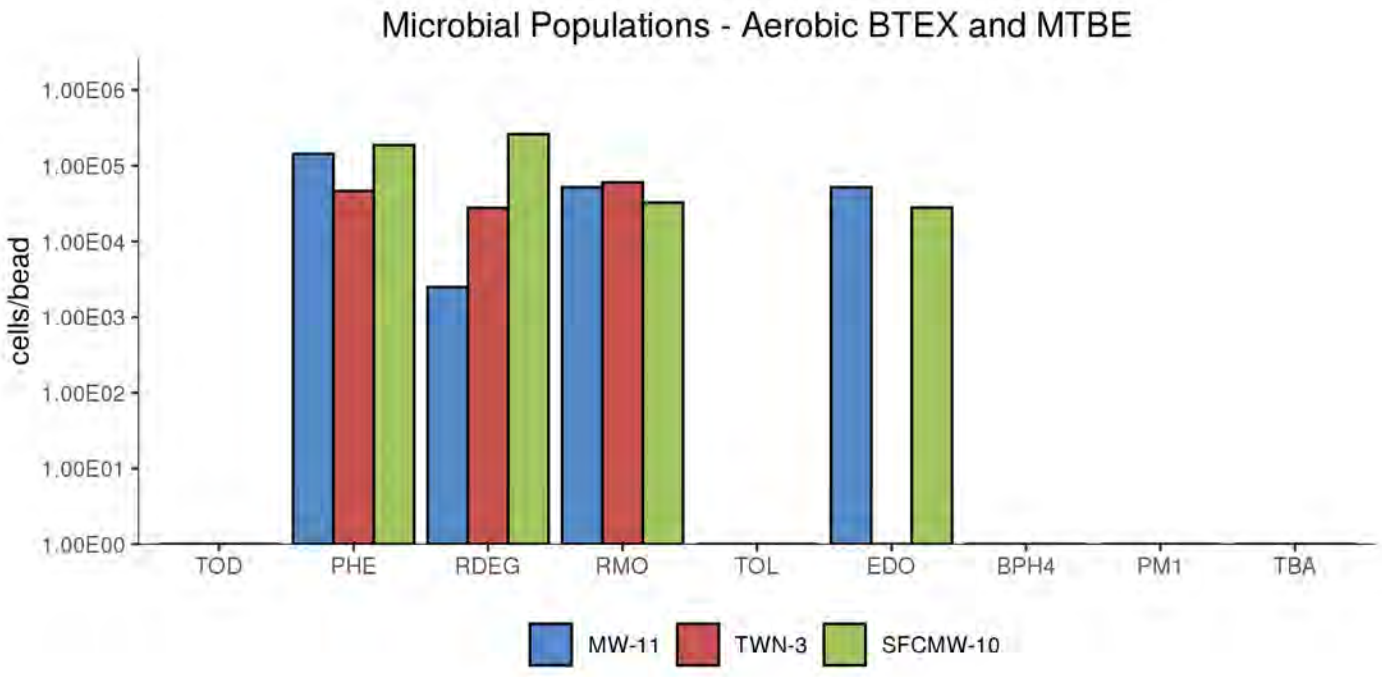

Figure 7: Comparison - microbial populations involved in aerobic biodegradation of BTEX and MTBE.

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Table 4: Summary of the QuantArray®-Petro results for microorganisms responsible for aerobic biodegradation of BTEX and MTBE for samples MW-1R, MW-4R, and CMW-1.

Sample Name Sample Date	MW-1R 04/05/2023	MW-4R 04/05/2023	CMW-1 04/05/2023
Aerobic BTEX and MTBE	cells/bead	cells/bead	cells/bead
Toluene/Benzene Dioxygenase (TOD)	<2.50E+02	<2.50E+02	<2.50E+02
Phenol Hydroxylase (PHE)	**2.78E+06**	**3.73E+06**	**2.40E+06**
Toluene 2 Monooxygenase/Phenol Hydroxylase (RDEG)	**1.62E+06**	**2.13E+06**	**4.40E+06**
Toluene Ring Hydroxylating Monooxygenases (RMO)	**1.70E+06**	**3.30E+05**	**9.94E+06**
Xylene/Toluene Monooxygenase (TOL)	**7.29E+03**	**2.63E+04**	<2.50E+02
Ethylbenzene/Isopropylbenzene Dioxygenase (EDO)	**8.50E+05**	**1.09E+06**	<2.50E+02
Biphenyl/Isopropylbenzene Dioxygenase (BPH4)	<2.50E+02	<2.50E+02	**4.81E+03**
Methylibium petroleiphilum PM1 (PM1)	<2.50E+02	<2.50E+02	**7.27E+04**
TBA Monooxygenase (TBA)	<2.50E+02	<2.50E+02	**4.67E+04**

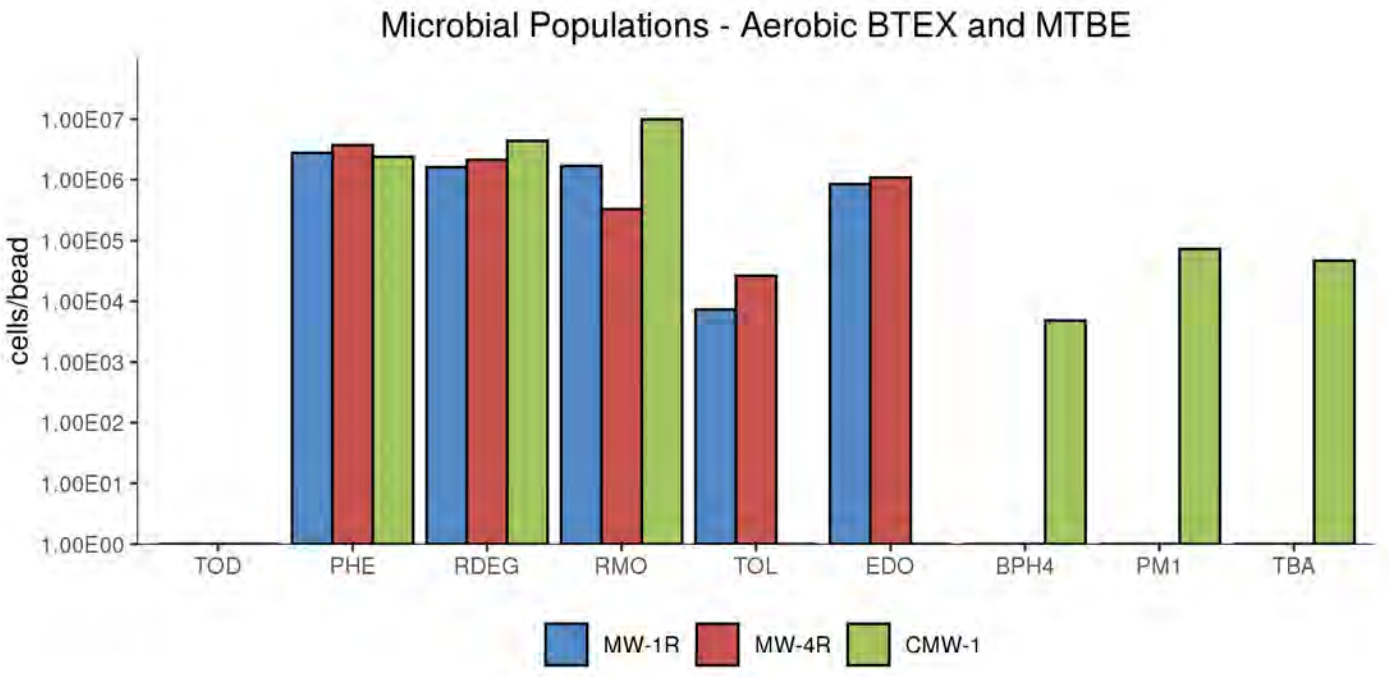

Figure 8: Comparison - microbial populations involved in aerobic biodegradation of BTEX and MTBE.

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Table 5: Summary of the QuantArray®-Petro results for microorganisms responsible for aerobic biodegradation of PAHs and alkanes for samples MW-11, TWN-3, and SFCMW-10.

Sample Name Sample Date	MW-11 04/05/2023	TWN-3 04/05/2023	SFCMW-10 04/05/2023
Aerobic PAHs and Alkanes	cells/bead	cells/bead	cells/bead
Naphthalene Dioxygenase (NAH)	<2.50E+02	<2.50E+02	<2.50E+02
Naphthalene-inducible Dioxygenase (NidA)	<2.50E+02	<2.50E+02	**1.75E+04**
Phenanthrene Dioxygenase (PHN)	<2.50E+02	<2.50E+02	<2.50E+02
Alkane Monooxygenase (ALK)	**1.09E+02 (J)**	**4.62E+02**	**4.04E+03**
Alkane Monooxygenase (ALMA)	<2.50E+02	<2.50E+02	<2.50E+02

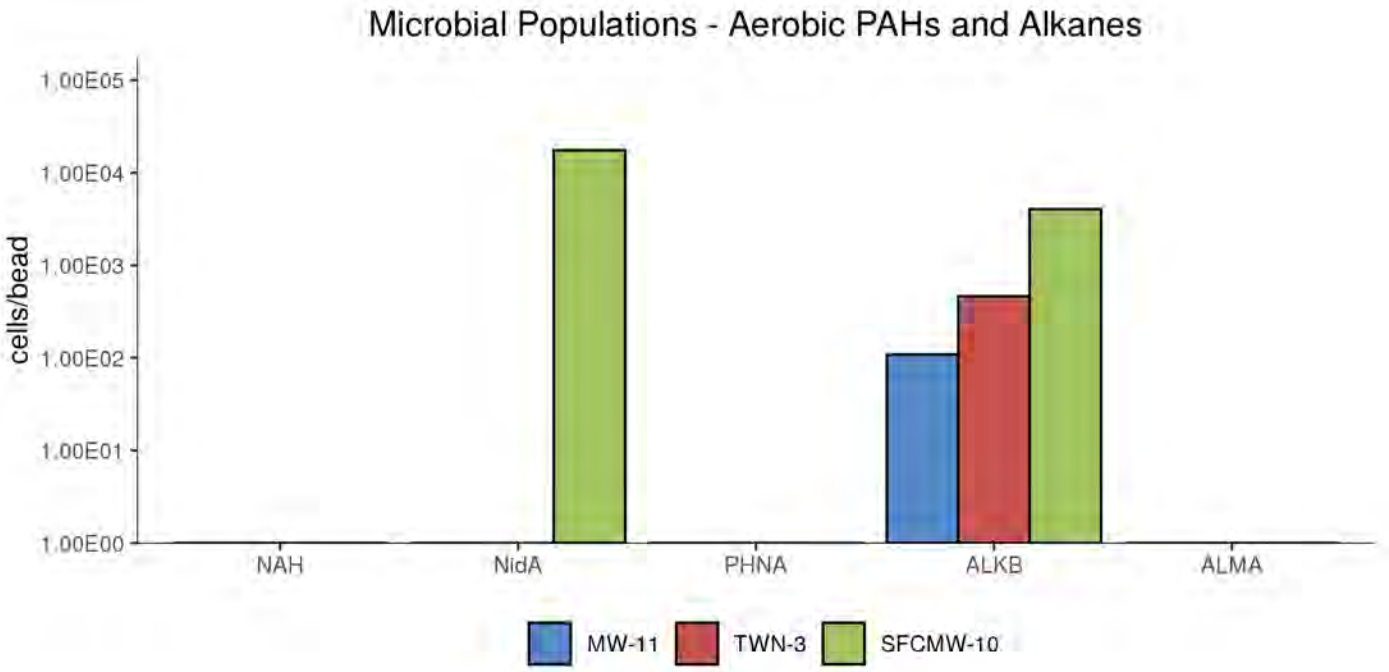

Figure 9: Comparison - microbial populations involved in aerobic biodegradation of PAHs and alkanes.

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Table 6: Summary of the QuantArray®-Petro results for microorganisms responsible for aerobic biodegradation of PAHs and alkanes for samples MW-1R, MW-4R, and CMW-1.

Sample Name Sample Date	MW-1R 04/05/2023	MW-4R 04/05/2023	CMW-1 04/05/2023
Aerobic PAHs and Alkanes	cells/bead	cells/bead	cells/bead
Naphthalene Dioxygenase (NAH)	<2.50E+02	<2.50E+02	<2.50E+02
Naphthalene-inducible Dioxygenase (NidA)	**5.09E+03**	**9.43E+03**	<2.50E+02
Phenanthrene Dioxygenase (PHN)	<2.50E+02	<2.50E+02	<2.50E+02
Alkane Monooxygenase (ALK)	**1.62E+04**	**2.45E+05**	**1.19E+05**
Alkane Monooxygenase (ALMA)	<2.50E+02	<2.50E+02	<2.50E+02

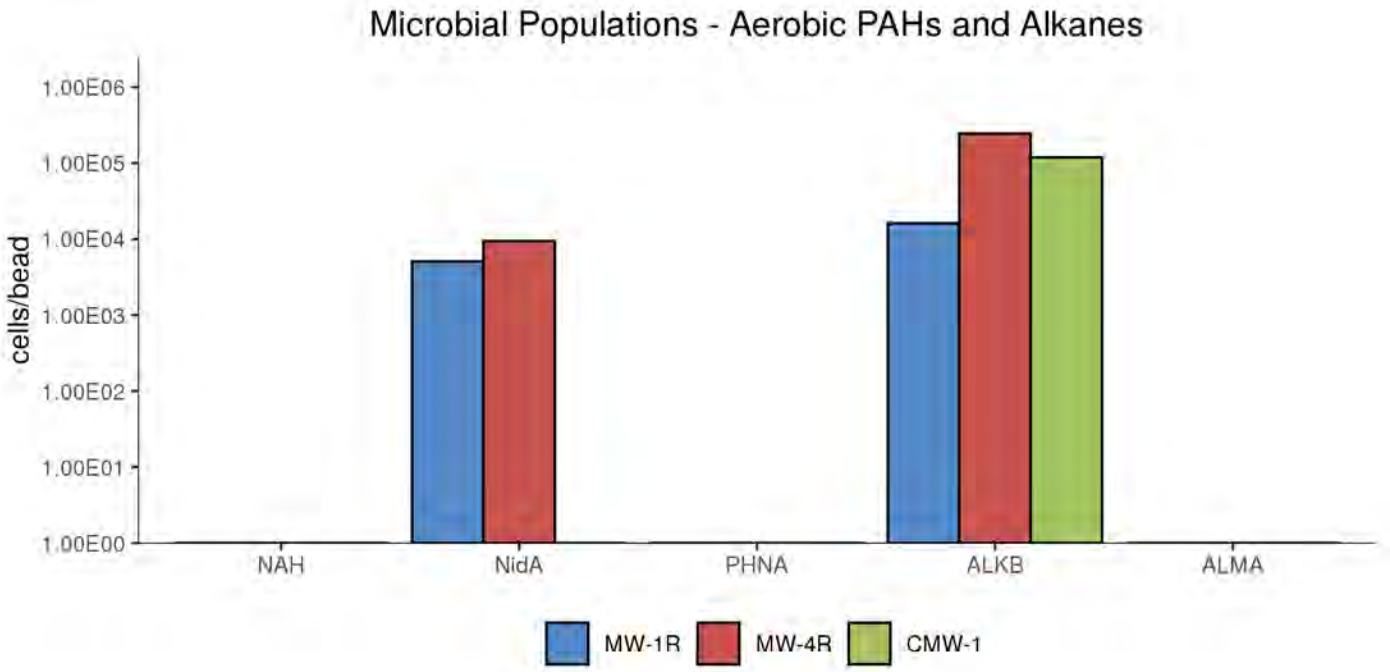

Figure 10: Comparison - microbial populations involved in aerobic biodegradation of PAHs and alkanes.

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Table 7: Summary of the QuantArray®-Petro results for microorganisms responsible for anaerobic biodegradation of BTEX, PAHs and alkanes for samples MW-11, TWN-3, and SFCMW-10.

Sample Name Sample Date	MW-11 04/05/2023	TWN-3 04/05/2023	SFCMW-10 04/05/2023
Anaerobic BTEX	cells/bead	cells/bead	cells/bead
Benzoyl Coenzyme A Reductase (BCR)	**2.52E+04**	**3.49E+03**	**2.16E+04**
Benzylsuccinate Synthase (BSS)	**7.69E+03**	**2.27E+03**	**8.36E+03**
Benzene Carboxylase (ABC)	<2.50E+02	<2.50E+02	<2.50E+02
Anaerobic PAHs and Alkanes			
Naphthylmethylsuccinate Synthase (MNSSA)	<2.50E+02	<2.50E+02	**8.24E+03**
Naphthalene Carboxylase (ANC)	<2.50E+02	<2.50E+02	<2.50E+02
Alkylsuccinate Synthase (ASS)	<2.50E+02	<2.50E+02	**9.05E+01 (J)**

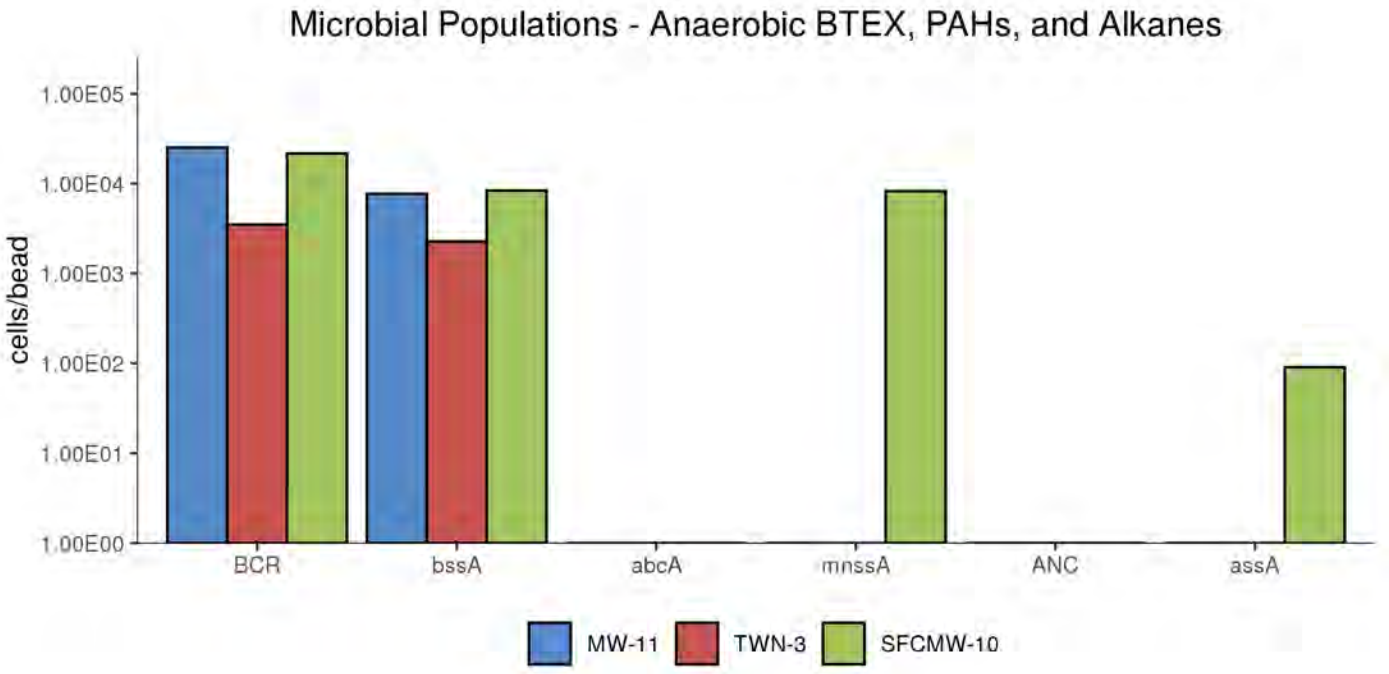

Figure 11: Comparison - microbial populations involved in anaerobic biodegradation of BTEX, PAHs and alkanes.

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Table 8: Summary of the QuantArray®-Petro results for microorganisms responsible for anaerobic biodegradation of BTEX, PAHs and alkanes for samples MW-1R, MW-4R, and CMW-1.

Sample Name Sample Date	MW-1R 04/05/2023	MW-4R 04/05/2023	CMW-1 04/05/2023
Anaerobic BTEX	cells/bead	cells/bead	cells/bead
Benzoyl Coenzyme A Reductase (BCR)	**1.49E+04**	**2.59E+04**	**2.77E+04**
Benzylsuccinate Synthase (BSS)	**1.07E+02 (J)**	**3.33E+04**	**5.15E+03**
Benzene Carboxylase (ABC)	<2.50E+02	<2.50E+02	<2.50E+02
Anaerobic PAHs and Alkanes			
Naphthylmethylsuccinate Synthase (MNSSA)	<2.50E+02	<2.50E+02	<2.50E+02
Naphthalene Carboxylase (ANC)	<2.50E+02	<2.50E+02	<2.50E+02
Alkylsuccinate Synthase (ASS)	<2.50E+02	**1.33E+03**	<2.50E+02

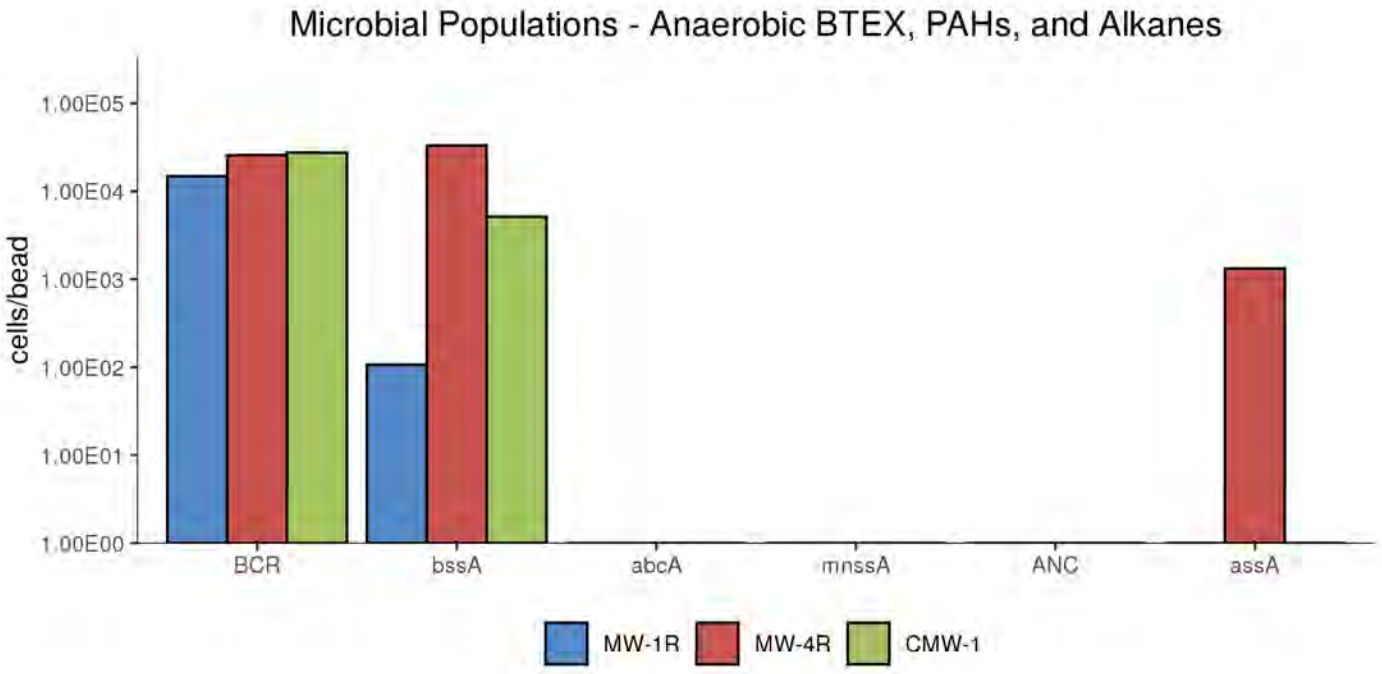

Figure 12: Comparison - microbial populations involved in anaerobic biodegradation of BTEX, PAHs and alkanes.

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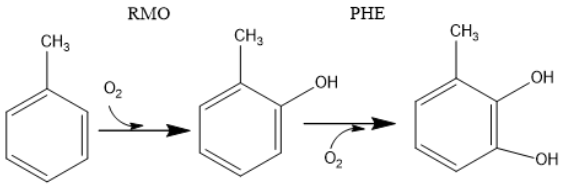
Interpretation

The overall purpose of the QuantArray®-Petro is to give site managers the ability to simultaneously yet economically evaluate the potential for biodegradation of a spectrum of contaminants found in petroleum products through a multitude of aerobic and anaerobic pathways to give a much more clear and comprehensive view of contaminant biodegradation. The following discussion describes interpretation of results in general terms and is meant to serve as a guide.

Aerobic Biodegradation - Benzene Toluene, Ethylbenzene, and Xylenes (BTEX): At sites impacted by petroleum products, aromatic hydrocarbons including BTEX are often contaminants of concern. Aerobic biodegradation of aromatic hydrocarbons has been intensively studied and multiple catabolic pathways have been well characterized. The substrate specificity of each pathway (range of compounds biodegraded via each pathway) is largely determined by the specificity of the initial oxygenase enzyme. The QuantArray®-Petro includes a suite of assays targeting the initial oxygenase genes of the known pathways for aerobic BTEX biodegradation.

Toluene/Benzene Dioxygenase (TOD): Toluene/benzene dioxygenase (TOD) incorporates both atoms of molecular oxygen into the aromatic ring. Although commonly called toluene dioxygenase, the substrate specificity of this enzyme is relaxed, allowing growth on toluene and benzene along with co-oxidation of a variety of compounds including ethylbenzene, *o*-xylene, *m*-xylene, and trichloroethene (TCE) when expressed.

Toluene/Benzene Monooxygenases (RMO/RDEG) and Phenol Hydroxylases (PHE): The next three known pathways for aerobic biodegradation of toluene (as well as benzene and xylenes) involve two steps: (1) an initial oxidation mediated by a toluene monooxygenase and (2) a second oxidation step catalyzed by a phenol hydroxylase. In these pathways, the toluene monooxygenases have been referred to as "ring hydroxylating monooxygenases" because they initiate biodegradation of toluene by incorporating oxygen directly into the aromatic ring rather than at a methyl group. The ring hydroxylating monooxygenases (RMOs) can be further described as toluene-2-monooxygenases, toluene-3-monooxygenases, or toluene-4-monooxygenases based upon where they attack the aromatic ring.



In General, phenol hydroxylases (PHE) catalyze the continued oxidation of phenols produced by RMOs. However, the difference between toluene monooxygenases (RMOs) and phenol hydroxylases (PHEs) is not absolute in terms of substrate specificity and catabolic function. For example, the TbmD toluene/benzene-2-monooxygenase [1] may be responsible for both the initial and second oxidation step [2].

The RMO, RDEG, and PHE assays target groups of genes encoding enzymes which perform the critical first and/or second steps in the aerobic biodegradation of BTEX compounds. In general terms, the RMO assay quantifies families of toluene-3-monooxygenase and toluene-4-monooxygenase genes. The RDEG assay is used to quantify groups of toluene-2-monooxygenase and phenol hydroxylase genes. Similarly, the PHE assay targets phenol hydroxylase genes and several benzene monooxygenase genes which catalyze both oxidation steps.

Toluene/Xylene Monooxygenase (TOL): The final known pathway for aerobic toluene biodegradation involves initial monooxygenase attack at the methyl group by a toluene/xylene monooxygenase.

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Ethylbenzene Dioxygenase (EDO): Similar to TOD, this group of aromatic oxygenases exhibits relatively broad specificity and is responsible for aerobic biodegradation of alkylbenzenes including ethylbenzene and isopropylbenzene or cumene [3].

Biphenyl Dioxygenase (BPH4): In environmental restoration, biphenyl dioxygenases are best known for cometabolism of polychlorinated biphenyls (PCBs). However, this subfamily includes benzene [4] and isopropylbenzene [5] dioxygenases from *Rhodococcus* spp.

Aerobic Biodegradation - MTBE and TBA: With increased use in the 1990s, the fuel oxygenate methyl *tert*-butyl ether (MTBE) has become one of the most commonly detected groundwater contaminants at gasoline contaminated sites. Pure cultures capable of utilizing MTBE as a growth supporting substrate have been isolated [6] and aerobic biodegradation of MTBE and the intermediate *tert*-butyl alcohol (TBA) has been reasonably well characterized. The QuantArray®-Petro includes quantification of two gene targets to assess the potential for aerobic biodegradation of MTBE and TBA.

Methylibium petroleiphilum PM1 (PM1): One of the few organisms isolated to date which is capable of utilizing MTBE and TBA as growth supporting substrates [6].

TBA Monooxygenase (TBA): Targets the TBA monooxygenase gene responsible for oxidation of TBA by *Methylibium petroleiphilum* PM1 [7].

Aerobic Biodegradation - Naphthalene and Other PAHs:

Naphthalene Dioxygenase (NAH): Naphthalene dioxygenase incorporates both atoms of molecular oxygen into naphthalene to initiate aerobic metabolism of the compound. However, the broad substrate specificity of naphthalene dioxygenase has been widely noted. When expressed, naphthalene dioxygenase is capable of catalyzing the oxidation of larger PAHs like anthracene, phenanthrene, acenaphthylene, fluorene, and acenaphthene. For a more comprehensive list of reactions mediated by naphthalene dioxygenases, see the University of Minnesota Biocatalysis/Biodegradation Database. (http://eawag-bbd.ethz.ch/naph/ndo.html, [8]).

Phenanthrene Dioxygenases (PHN): The PHN assays quantify phenanthrene/naphthalene dioxygenase genes from a diverse collection of microorganisms including *Pseudomonas*, *Burkholderia*, *Sphingomonas*, and *Acidovorax* spp. As with other naphthalene dioxygenases, substrate specificity is relatively broad and phenanthrene dioxygenases have been implicated in the biodegradation of naphthalene, phenanthrene, and anthracene and the co-oxidation of larger PAHs. Moreover, at least one research group has suggested that the PHN group of phenanthrene/naphthalene dioxygenases may be more environmentally relevant than the classical *nah*-like naphthalene dioxygenase [9].

Aerobic Biodegradation - *n*-alkanes: The *n*-alkanes are a substantial portion of petroleum products and are a component of TPH concentrations. The QuantArray®-Petro also includes quantification of alkane monooxygenase genes (ALK) which allow a wide range of *Proteobacteria* and *Actinomycetals* to grow on *n*-alkanes with carbon lengths from C_5 to C_{16} [10]. The QuantArray®-Petro also includes a second type of alkane hydroxylase (almA) which catalyzes the aerobic biodegradation of longer chain alkanes (C_{20}-C_{32}) by some *Alcanivorax* spp. considered dominant in marine systems [11].

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Anaerobic Biodegradation - Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX): BTEX compounds are also susceptible to biodegradation under anoxic and anaerobic conditions although biodegradation pathways for each compound are not as well characterized as aerobic pathways. The QuantArray®-Petro includes sets of assays targeting a number of upper and lower pathway functional genes involved in the anaerobic catabolism of BTEX compounds for better evaluation of anaerobic biodegradation at petroleum contaminated sites.

Benzylsuccinate Synthase (BSS): Of the BTEX compounds, toluene biodegradation under anaerobic conditions is the most extensively studied and best characterized. The first step in this pathway, mediated by benzylsuccinate synthase (*bss*A) is the addition of fumarate onto the toluene methyl group to form benzylsuccinate. While additional pathways are possible, some bacterial isolates capable of anaerobic biodegradation of ethylbenzene and xylenes follow the same metabolic approach where the first step is the addition of fumarate.

Anaerobic Benzene Carboxylase (ABC): Although additional pathways are possible, the only pathway for anaerobic biodegradation of benzene elucidated to date is initiated by a benzene carboxylase enzyme.

Benzoyl Coenzyme A Reductase (BCR): Benzoyl-CoA is the central intermediate in the anaerobic biodegradation of many aromatic hydrocarbons. Benzoyl-CoA Reductase (BCR) is the essential enzyme for reducing the benzene ring structure.

Anaerobic Biodegradation - PAHs: The anaerobic biodegradation of PAHs involves analogous mechanisms to those described for anaerobic biodegradation of BTEX compounds. For example, the anaerobic biodegradation of methyl-substituted PAHs like 2-methylnaphthalene is initiated by fumarate addition to the methyl group while the only characterized pathway for anaerobic naphthalene biodegradation is initiated by a carboxylase.

Naphthylmethylsuccinate Synthase (MNSSA): MNSSA is analogous to the benzylsuccinate synthase described above for anaerobic biodegradation of toluene. Naphthylmethylsuccinate synthase catalyzes the addition of fumarate onto the methyl group of 2-methylnaphthalene [12].

Anaerobic Naphthalene Carboxylase (ANC): To date, the only pathway that has been characterized for anaerobic biodegradation of naphthalene is initiated by a naphthalene carboxylase enzyme [13].

Anaerobic Biodegradation - *n*-alkanes: As mentioned previously, the *n*-alkanes are a substantial portion of petroleum products and should be considered particularly when site cleanup goals include TPH reduction. The addition of fumarate is a common mechanism for activating and initiating biodegradation of a variety of petroleum hydrocarbons under anaerobic conditions including *n*-alkanes. The QuantArray®-Petro includes quantification of alkyl succinate synthase genes (assA) which have been characterized in nitrate reducing and sulfate reducing isolates utilizing *n*-alkanes from C_6 to at least C_{18} [14].

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Project Manager: MIKE MCVEY
Project Name: SANTA FE COUNTY JUDICIAL COMPLEX
Project No.: 6347006.04

Purchase Order No. 24138
Subcontract No.
MI Quote No.

Please Check One:
☐ More samples to follow
☐ No Additional Samples

Report Type: ☒ Standard (default) ☐ Microbial Insights Level III raw data(15% surcharge) ☐ Microbial Insights Level IV (25% surcharge) ☐ Comprehensive Interpretive(15%) ☐ Historical Interpretive (35%)

EDD type: ☒ Microbial Insights Standard (default) ☐ All other available EDDs (5% surcharge) Specify EDD Type:

Please contact us with any questions about the analyses or filling out the COC at (865) 573-8188 (9:00 am to 5:00 pm EST, M-F). After hours email: customerservice@microbe.com

Sample Information						Analyses				CENSUS: Please select the target organism/gene																							
MI ID (Laboratory Use Only)	Sample Name	Date Sampled	Time Sampled	Matrix	Total Number of Containers	PLFA	NGS	QuantArray Chlor	QuantArray Petro	DHC (Dehalococcoides)	DHC Functional genes (bvc, tce, vcr)	DHBt (Dehalobacter)	DHG (Dehalogenimonas)	DSM (Desulfuromonas)	DSB (Desulfitobacterium)	EBAC (Total)	SRB (Sulfate Reducing Bacteria-APS)	MGN (Methanogens)	MOB (Methanotrophs)	SMMO	DNF (Dentrifiers-nirS and nirK)	AMO (ammonia oxidizing bacteria)	PM1 (MTBE aerobic)	RMO (Toluene Monooxygenase)	RDEG (Toluene Monooxygenase)	PHE (Phenol Hydroxylase)	NAH (Napthalene-aerobic)	BSSA (Toluene/Xylene-Anaerobic)	add. qPCR:	RNA (Expression Option)*	Other: DCAR (1,2 DCA REDUCTASE)	Other:	Other:
018UD 1	MW-11	4-5-23	1500	A	1				X	X		X																			X		
2	TWN-3	4-5-23	1510	A	1				X	X		X																			X		
3	SFCMW-10	4-5-23	1520	A	1				X	X		X																			X		
4	MW-1R	4-5-23	1530	A	1				X	X		X																			X		
5	MW-4R	4-5-23	1540	A	1				X	X		X																			X		
6	CMW-1	4-5-23	1550	A	1				X	X		X																			X		

Relinquished by: Date

Received by: [signature] Date 4/7/23

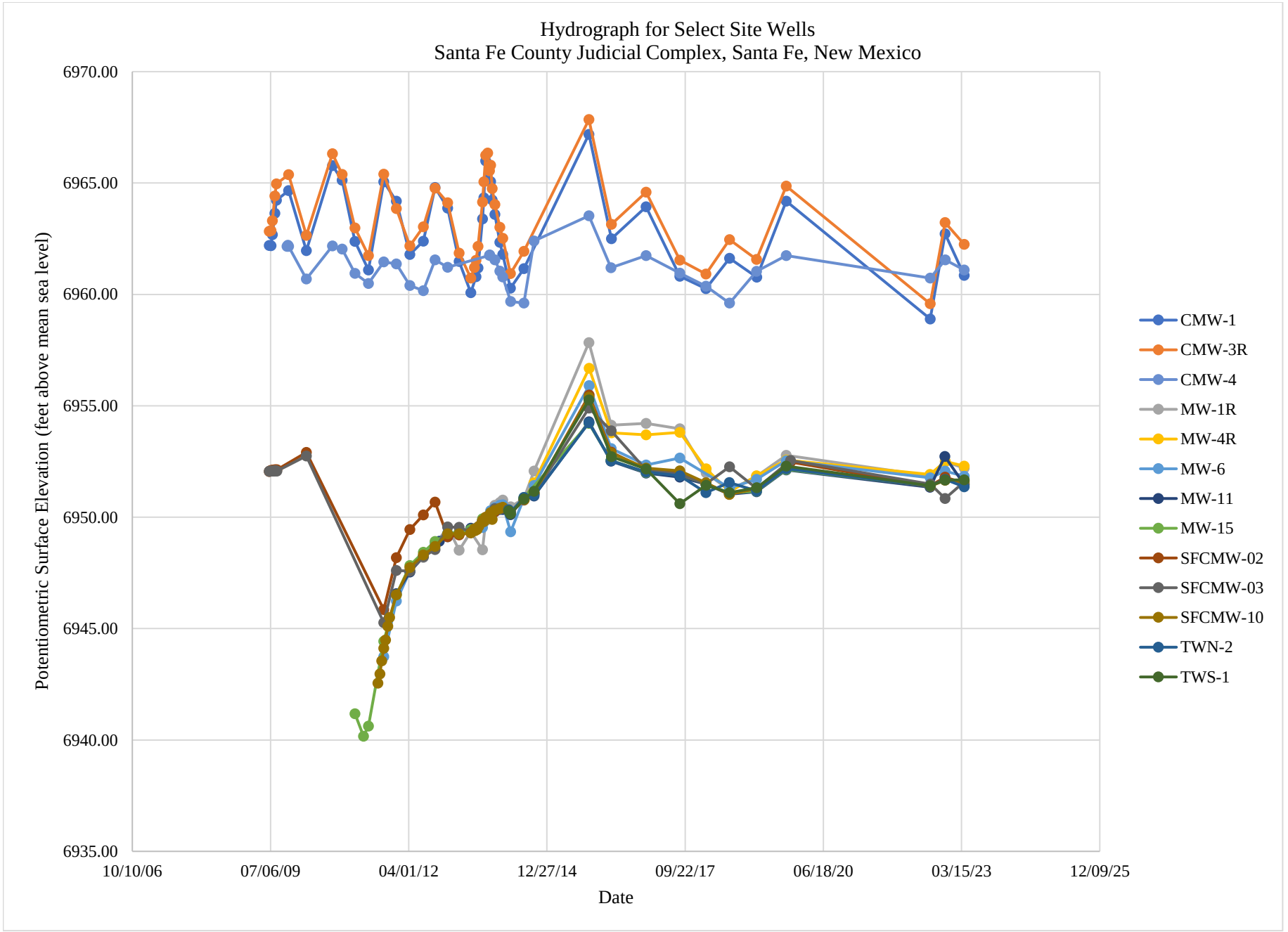
It is vital that chain of custody is filled out correctly & that all relative information is provided.

Failure to provide sufficient and/or correct information regarding reporting, invoicing & analyses requested information may result in delays for which MI will not be liable.

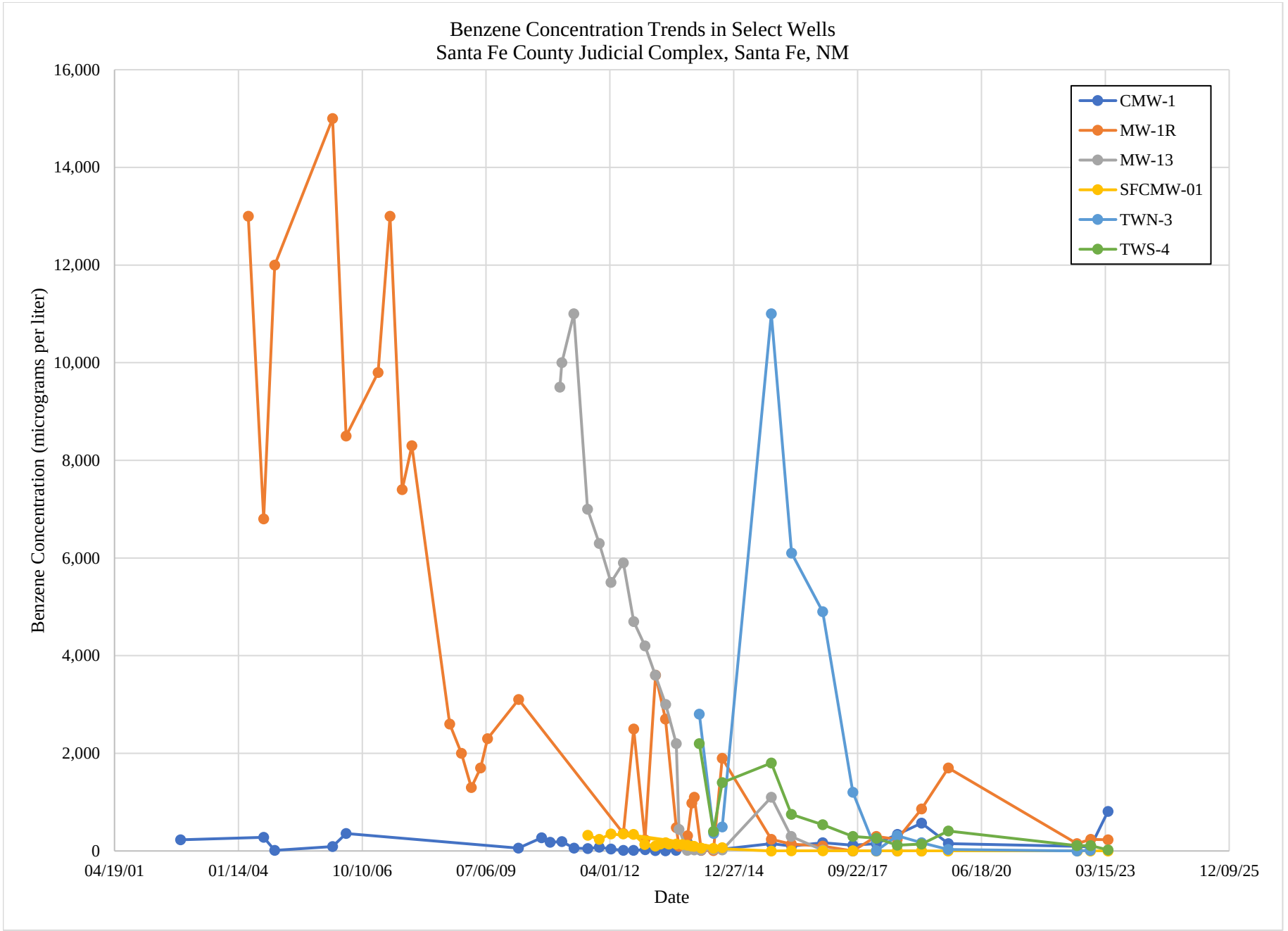
* additional cost and sample preservation are associated with RNA samples.

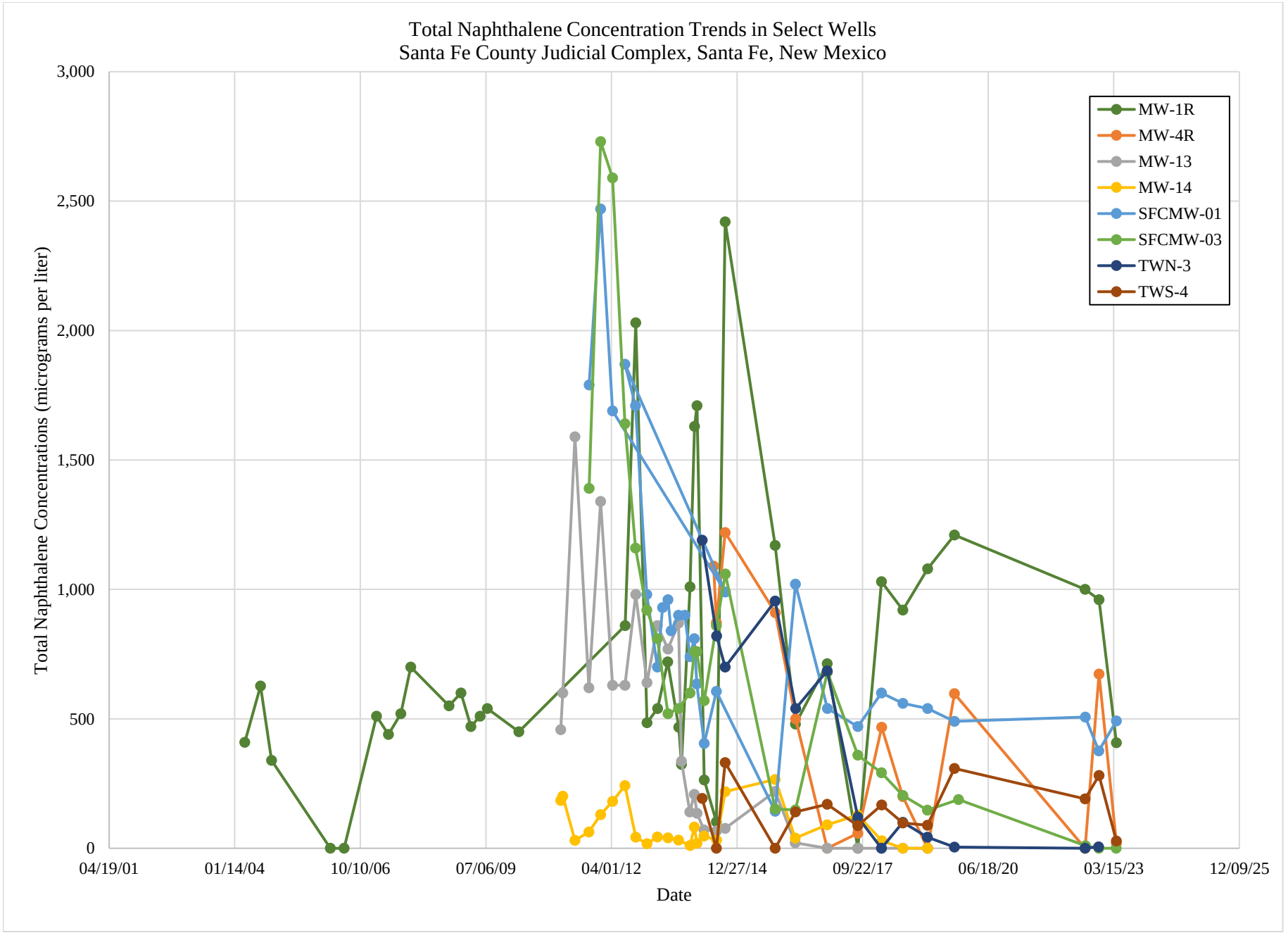
**Saturday delivery: See sampling protocol for alternate shipping address.

Appendix D – Hydrographs


Hydrograph for Select Site Wells
Santa Fe County Judicial Complex, Santa Fe, New Mexico
Potentiometric Surface Elevation (feet above mean sea level)
6970.00
6965.00
6960.00
6955.00
6950.00
6945.00
6940.00
6935.00
10/10/06
07/06/09
04/01/12
12/27/14
09/22/17
06/18/20
03/15/23
12/09/25
Date
CMW-1
CMW-3R
CMW-4
MW-1R
MW-4R
MW-6
MW-11
MW-15
SFCMW-02
SFCMW-03
SFCMW-10
TWN-2
TWS-1

Appendix E – Benzene and Total Naphthalene Concentration Trends


Benzene Concentration Trends in Select Wells
Santa Fe County Judicial Complex, Santa Fe, NM
Benzene Concentration (micrograms per liter)
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
04/19/01
01/14/04
10/10/06
07/06/09
04/01/12
12/27/14
09/22/17
06/18/20
03/15/23
12/09/25
Date
CMW-1
MW-1R
MW-13
SFCMW-01
TWN-3
TWS-4


Total Naphthalene Concentration Trends in Select Wells
Santa Fe County Judicial Complex, Santa Fe, New Mexico
Total Naphthalene Concentrations (micrograms per liter)
3,000
2,500
2,000
1,500
1,000
500
0
04/19/01
01/14/04
10/10/06
07/06/09
04/01/12
12/27/14
09/22/17
06/18/20
03/15/23
12/09/25
Date
MW-1R
MW-4R
MW-13
MW-14
SFCMW-01
SFCMW-03
TWN-3
TWS-4

C:\Users\vmustafin\OneDrive - EA Engineering, Science, and Technology, Inc., PBC\Desktop\Corona\SFCJC\4268-4_4th Qtrly GWM & BioTrap Report\Figures\4268-4 SFCJ Vener.dwg 6/20/2023 2:46 PM

MW-15	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	<0.0093
EDC	18
TOTAL NAPH	<10

TWN-2	
PETROFIX IN THE WELL	

TWN-3	
PETROFIX IN THE WELL	

MW-11	
PETROFIX IN THE WELL	

SFCMW-07	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	0.023
EDC	1.2
TOTAL NAPH	<10

SFCMW-03	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	<1.0
EDC	<1.0
TOTAL NAPH	<10

SFCMW-10	
BENZENE	14
BTEX	34
MTBE	<10
EDB	<10
EDC	<10
TOTAL NAPH	4,170

SFCMW-01	
BENZENE	<5.0
BTEX	74
MTBE	<5.0
EDB	<5.0
EDC	<5.0
TOTAL NAPH	492

SFCMW-02	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	<1.0
EDC	<1.0
TOTAL NAPH	<10

TWS-1	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	<1.0
EDC	<1.0
TOTAL NAPH	3.0J

MW-6	
BENZENE	<10
BTEX	1,031
MTBE	<10
EDB	<10
EDC	<10
TOTAL NAPH	317

SVE-3	
BENZENE	<10
BTEX	438
MTBE	<10
EDB	<10
EDC	<10
TOTAL NAPH	810

SVE-1	
BENZENE	<1.0
BTEX	6.8
MTBE	<1.0
EDB	<1.0
EDC	<1.0
TOTAL NAPH	15

SVE-11D	
BENZENE	<1.0
BTEX	<4.5
MTBE	<1.0
EDB	<1.0
EDC	<1.0
TOTAL NAPH	4.6J

CMW-4	
BENZENE	<5.0
BTEX	29.5
MTBE	<5.0
EDB	<0.094
EDC	<5.0
TOTAL NAPH	<50

TWS-4	
BENZENE	23
BTEX	398
MTBE	<10
EDB	<0.094
EDC	<10
TOTAL NAPH	73J

MW-1R	
BENZENE	230
BTEX	5,750
MTBE	<10
EDB	<0.093
EDC	<10
TOTAL NAPH	408

CMW-3R	
BENZENE	160
BTEX	978
MTBE	<1.0
EDB	<20
EDC	12
TOTAL NAPH	230

CMW-1	
BENZENE	810
BTEX	1,019
MTBE	<1.0
EDB	0.018
EDC	12
TOTAL NAPH	37

MW-4R	
BENZENE	1.9
BTEX	104
MTBE	<1.0
EDB	<0.093
EDC	<1.0
TOTAL NAPH	19.7

LEGEND:

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 5 µg/L — BENZENE CONTOUR
- 30 µg/L — TOTAL NAPHTHALENES CONTOUR
- 0.05 µg/L — EDB CONTOUR
- 5 µg/L — EDC CONTOUR

NOTES:

ALL CONCENTRATIONS ARE REPORTED IN MICROGRAMS (µg/L)

BOLD INDICATES CONCENTRATION ABOVE THE NEW MEXICO WATER QUALITY CONTROL COMMISSION (NMWQCC) STANDARD

J ESTIMATED CONCENTRATION BETWEEN METHOD DETECTION AND LABORATORY REPORTING LIMITS

BTEX	BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
MTBE	METHYL TERTIARY-BUTYL ETHER
EDB	ETHYLENE DIBROMIDE
EDC	ETHYLENE DICHLORIDE
TOTAL NAPH	TOTAL NAPHTHALENES

60 30 0 60

SCALE IN FEET

SANTA FE COUNTY JUDICIAL COMPLEX
SANTA FE, NEW MEXICO

FIGURE 4
DISTRIBUTION OF DISSOLVED PHASE HYDROCARBONS
APRIL 2023

PROJECT #:	6347006	PROJECT PHASE:	02	PROJECT MANAGER:	MM

320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Capital 66	CMW-1	10/05/02	230	22	4.1	20	< 1.0	< 1.0	1.7	14	291	
Capital 66	CMW-1	08/06/04	280	73	10	41	< 1.0	0.075	3.1	2.1	406	
Capital 66	CMW-1	11/02/04	9.8	1.9	< 1.0	4.9	< 1.0	< 0.010	< 1.0	2.9	21	
Capital 66	CMW-1	02/13/06	92	7.3	2.4	19	< 1.0	0.18	5.0	5.5	126	
Capital 66	CMW-1	06/02/06	360	4.5	< 1.0	< 3.0	< 1.5	0.27	4.5	8.0	377	
Capital 66	CMW-1	03/24/10	60	< 1.0	< 1.0	5.0	< 1.0	0.29	1.0	7.2	74	
Capital 66	CMW-1	09/27/10	270	13	< 1.0	140	< 1.0	2.3	< 1.0	72	496	
Capital 66	CMW-1	12/06/10	180	17	< 1.0	180	< 1.0	1.3	< 1.0	132	510	
Capital 66	CMW-1	03/10/11	190	5.0	< 1.0	29	< 1.0	0.54	< 1.0	87	312	
Capital 66	CMW-1	06/16/11	58	< 1.0	< 1.0	< 1.5	< 1.0	0.19	2.9	4.2	66	
Capital 66	CMW-1	10/05/11	49	1.3	< 1.0	9.2	< 1.0	0.40	< 1.0	5.5	66	
Capital 66	CMW-1	01/06/12	77	3.0	< 1.0	16	< 1.0	0.53	< 1.0	60	157	
Capital 66	CMW-1	04/10/12	40	< 1.0	< 1.0	< 1.5	< 1.0	0.18	1.5	< 10	54	
Capital 66	CMW-1	07/19/12	11	< 1.0	< 1.0	< 1.5	< 1.0	0.069	< 1.0	< 10	25	
Capital 66	CMW-1	10/09/12	13	< 1.0	< 1.0	< 1.5	< 1.0	0.080	< 1.0	< 10	27	
Capital 66	CMW-1	01/10/13	24	< 1.0	< 1.0	< 1.5	< 1.0	0.15	< 1.0	3.1	31	
Capital 66	CMW-1	04/03/13	8.7	< 1.0	< 1.0	< 1.5	< 1.0	0.055	< 1.0	< 10	22	
Capital 66	CMW-1	06/24/13	3.4	< 1.0	< 1.0	< 1.5	< 1.0	0.029	< 1.0	< 10	17	
Capital 66	CMW-1	09/17/13	11	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	25	
Capital 66	CMW-1	12/16/13	180	1.9	< 1.0	16	< 1.0	0.89	< 1.0	42	241	
Capital 66	CMW-1	01/20/14	93	< 1.0	< 1.0	< 1.5	< 1.0	0.29	< 1.0	< 10	107	
Capital 66	CMW-1	02/11/14	37	< 1.0	< 1.0	< 1.5	< 1.0	0.22	< 1.0	< 10	51	
Capital 66	CMW-1	04/07/14	14	< 1.0	< 1.0	< 1.5	< 1.0	0.073	< 1.0	< 10	28	
Capital 66	CMW-1	07/14/14	17	< 1.0	< 1.0	< 1.5	< 1.0	0.12	< 1.0	< 10	31	
Capital 66	CMW-1	10/26/15	150	10	1.1	91	< 1.0	< 1.0	< 1.0	< 10	262	
Capital 66	CMW-1	04/06/16	100	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	10	114	
Capital 66	CMW-1	12/14/16	170	4.6	2.0	89	< 1.0	0.39	< 1.0	197	463	
Capital 66	CMW-1	08/14/17	120	< 5.0	5.7	22	< 5.0	< 0.0094	< 5.0	< 50	203	
Capital 66	CMW-1	02/20/18	150	< 2.5	4.9	< 3.8	< 2.5	0.051	2.7	< 25	186	
Capital 66	CMW-1	08/09/18	340	4.0	< 2.0	< 3.0	< 2.0	0.37	< 2.0	7.7	357	
Capital 66	CMW-1	02/21/19	570	51	26	34	< 1.0	< 0.010	5.3	10	691	
Capital 66	CMW-1	09/24/19	150	4.9	3.7	6.6	< 1.0	0.25	< 1.0	4.7	170	
Capital 66	CMW-1	08/01/22	95	1.2	< 1.0	2.6	< 1.0	0.096	< 1.0	< 4.0	104	
Capital 66	CMW-1	11/15/22	83	< 1.0	< 1.0	2.1	< 1.0	0.10	< 1.0	9.7	97	
Capital 66	CMW-1	04/05/23	810	77	32	100	< 1.0	0.018	12	37	1,056	
Capital 66	CMW-2	10/05/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 10	15	
Capital 66	CMW-2	08/06/04	3.8	< 1.0	< 1.0	2.0	< 1.0	< 0.010	< 1.0	< 10	18	
Capital 66	CMW-2	11/02/04	430	71	10	48	< 1.0	< 0.010	3.3	< 10	569	
Capital 66	CMW-2	02/13/06	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 0.010	1.8	< 10	14	
Capital 66	CMW-2	06/02/06	< 1.0	< 1.0	< 1.0	< 3.0	< 1.5	< 0.010	1.2	< 10	16	
Capital 66	CMW-2	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.2	< 10	15	
Capital 66	CMW-2	09/27/10	4.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.8	< 10	18	
Capital 66	CMW-2	12/06/10	4.7	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.1	< 10	18	
Capital 66	CMW-2	03/10/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.1	< 10	15	
Capital 66	CMW-2	06/16/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.2	< 10	15	
Capital 66	CMW-2	10/05/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	01/05/12	8.1	2.3	1.3	10	< 1.0	< 0.010	< 1.0	9.7	31	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Capital 66	CMW-2	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	07/19/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	10/09/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	01/10/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	06/24/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	09/17/13	2.1	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	16	
Capital 66	CMW-2	12/16/13	3.3	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	17	
Capital 66	CMW-2	01/20/14	1.3	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	07/14/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-2	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0096	< 1.0	< 10	15	
Capital 66	CMW-3	10/05/02	2,700	14,000	1,800	14,200	< 1.0	13	< 1.0	2,170	34,870	
Capital 66	CMW-3R	02/13/06										NAPL
Capital 66	CMW-3R	06/02/06										NAPL
Capital 66	CMW-3R	03/25/10	< 5.0	66	53	1,200	< 5.0	0.055	< 5.0	163	1,487	
Capital 66	CMW-3R	09/27/10	< 5.0	15	6.3	760	< 5.0	< 0.010	< 5.0	160	946	
Capital 66	CMW-3R	12/06/10	< 1.0	< 1.0	< 1.0	57	< 1.0	< 0.010	< 1.0	13	73	
Capital 66	CMW-3R	03/10/11	< 1.0	1.9	1.0	84	< 1.0	< 0.010	< 1.0	22	110	
Capital 66	CMW-3R	06/16/11	< 1.0	1.8	< 1.0	71	< 1.0	< 0.010	< 1.0	38	113	
Capital 66	CMW-3R	10/05/11	< 1.0	5.0	2.9	320	< 1.0	< 0.010	< 1.0	70	399	
Capital 66	CMW-3R	01/06/12	< 1.0	5.6	3.8	320	< 1.0	< 0.010	< 1.0	122	452	
Capital 66	CMW-3R	04/10/12	< 1.0	56	29	1,600	< 10	< 0.010	< 10	336	2,022	
Capital 66	CMW-3R	07/19/12	< 10	12	< 10	270	< 10	< 0.010	< 10	31	333	
Capital 66	CMW-3R	10/09/12	< 10	16	< 10	920	< 10	< 0.010	< 10	149	1,105	
Capital 66	CMW-3R	01/10/13	< 5.0	29	16	1,800	< 5.0	< 0.010	< 5.0	385	2,235	
Capital 66	CMW-3R	04/03/13	< 10	10	< 10	560	< 10	< 0.010	< 10	222	812	
Capital 66	CMW-3R	05/13/13	< 1.0	30	6.3	250	< 1.0	< 1.0	< 1.0	106	393	
Capital 66	CMW-3R	06/24/13	< 1.0	180	56	910	< 10	< 0.010	< 10	277	1,424	
Capital 66	CMW-3R	07/20/13	9.3	300	66	1,100	< 1.0	< 1.0	< 1.0	243	1,718	
Capital 66	CMW-3R	09/17/13	< 5.0	13	< 5.0	370	< 5.0	< 5.0	< 5.0	117	510	
Capital 66	CMW-3R	11/07/13	< 5.0	< 5.0	< 5.0	140	< 5.0	< 5.0	< 5.0	41	196	
Capital 66	CMW-3R	12/16/13	< 10	16	< 10	790	< 10	< 0.010	< 10	239	1,065	
Capital 66	CMW-3R	01/20/14	< 5.0	12	< 5.0	360	< 5.0	< 0.010	< 5.0	178	560	
Capital 66	CMW-3R	02/11/14	< 5.0	16	< 5.0	570	< 5.0	< 0.010	< 5.0	193	789	
Capital 66	CMW-3R	04/07/14	< 5.0	24	< 5.0	320	< 5.0	< 0.010	< 5.0	111	465	
Capital 66	CMW-3R	07/14/14	1.4	54	7.9	520	< 1.0	< 0.010	< 1.0	116	699	
Capital 66	CMW-3R	10/26/15	< 1.0	< 1.0	< 1.0	55	< 1.0	< 1.0	< 1.0	140	198	
Capital 66	CMW-3R	04/06/16	< 1.0	4.4	3.6	230	< 1.0	< 1.0	< 1.0	158	397	
Capital 66	CMW-3R	12/14/16	< 5.0	5.2	5.6	920	< 5.0	< 0.010	< 5.0	670	1,606	
Capital 66	CMW-3R	08/14/17	< 10	140	57	1,800	< 10	< 0.0093	< 10	710	2,717	
Capital 66	CMW-3R	02/20/18	1.1	9.8	3.1	50	< 1.0	< 0.0094	< 1.0	29	93	
Capital 66	CMW-3R	08/09/18	< 1.0	150	52	1,400	< 1.0	< 0.0094	< 1.0	550	2,153	
Capital 66	CMW-3R	02/21/19	120	230	130	2,200	< 10	0.11	< 10	940	3,620	
Capital 66	CMW-3R	09/24/19	< 1.0	< 1.0	< 1.0	31	< 1.0	< 1.0	< 1.0	20	54	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Capital 66	CMW-3R	08/01/22	17	53	11	430	< 1.0	< 1.0	< 1.0	212	723	
Capital 66	CMW-3R	11/16/22	88	58	62	1,000	< 5.0	0.079	< 5.0	840	2,048	
Capital 66	CMW-3R	04/05/23	160	59	39	720	< 20	< 20	< 8.0	230	1,208	
Capital 66	CMW-4	03/26/10	29	700	1,000	3,400	< 20	< 0.010	< 20	670	5,799	
Capital 66	CMW-4	09/27/10	22	310	860	2,600	< 20	< 0.010	< 20	730	4,522	
Capital 66	CMW-4	12/07/10	7.6	210	600	1,900	< 5.0	< 0.010	< 5.0	530	3,248	
Capital 66	CMW-4	03/11/11	18	640	580	2,400	< 1.0	< 0.010	< 1.0	470	4,108	
Capital 66	CMW-4	06/15/11	23	430	450	1,600	< 2.0	< 0.010	< 2.0	393	2,896	
Capital 66	CMW-4	10/05/11	17	330	260	1,200	< 10	< 0.010	< 10	28	1,835	
Capital 66	CMW-4	01/05/12	< 10	200	440	660	< 10	< 0.010	< 10	373	1,683	
Capital 66	CMW-4	04/11/12	19	380	500	1,300	< 10	< 0.010	< 10	260	2,459	
Capital 66	CMW-4	07/19/12	28	580	900	2,300	< 10	< 0.010	< 10	493	4,301	
Capital 66	CMW-4	10/10/12	17	460	750	1,700	< 10	< 0.010	< 10	404	3,331	
Capital 66	CMW-4	01/09/13	< 25	260	550	1,100	< 50	< 0.010	< 50	140	2,075	
Capital 66	CMW-4	11/07/13	< 5.0	< 5.0	7.1	28	< 5.0	< 5.0	< 5.0	< 50	95	
Capital 66	CMW-4	12/18/13	< 5.0	79	200	580	< 5.0	0.035	< 5.0	146	1,010	
Capital 66	CMW-4	01/22/14	< 5.0	120	250	660	< 5.0	< 0.010	< 5.0	229	1,264	
Capital 66	CMW-4	02/12/14	6.7	170	290	820	< 5.0	< 0.010	< 5.0	188	1,475	
Capital 66	CMW-4	04/09/14	10	370	390	1,400	< 5.0	< 0.010	< 5.0	188	2,358	
Capital 66	CMW-4	07/18/14	39	1,200	800	2,600	< 5.0	< 0.010	9.9	343	4,982	
Capital 66	CMW-4	09/25/14	11	470	430	1,500	< 10	< 0.010	< 10	338	2,749	
Capital 66	CMW-4	10/27/15	< 1.0	< 1.0	11	9.4	< 1.0	< 1.0	< 1.0	25	47	
Capital 66	CMW-4	04/04/16	4.9	200	290	730	< 1.0	< 1.0	2.8	201	1,426	
Capital 66	CMW-4	12/14/16	< 1.0	18	52	130	< 1.0	< 0.010	< 1.0	54	255	
Capital 66	CMW-4	08/14/17	< 2.0	< 2.0	2.7	5.3	< 2.0	< 0.0094	< 2.0	5.0	17	
Capital 66	CMW-4	02/20/18	< 2.0	24	160	220	< 2.0	< 0.0095	< 2.0	87	493	
Capital 66	CMW-4	08/10/18	2.5	160	400	770	< 2.0	< 0.0092	5.1	145	1,478	
Capital 66	CMW-4	02/20/19	< 1.0	7.8	32	82	< 1.0	< 0.0095	< 1.0	16	139	
Capital 66	CMW-4	09/23/19	< 1.0	40	240	420	< 1.0	< 0.0096	< 1.0	82	783	
Capital 66	CMW-4	08/01/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 4.0	8.5	
Capital 66	CMW-4	11/17/22	< 5.0	32	140	310	< 5.0	< 0.0094	< 5.0	39	526	
Capital 66	CMW-4	04/05/23	< 5.0	< 5.0	6.5	23	< 5.0	< 0.094	< 5.0	< 50	90	
Capital 66	CMW-5	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.010	12	< 10	15	
Capital 66	CMW-5	09/27/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	7.5	< 10	15	
Capital 66	CMW-5	12/06/10	< 1.0	1.8	< 1.0	3.9	< 1.0	< 0.010	5.8	< 10	18	
Capital 66	CMW-5	03/11/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	4.6	< 10	15	
Capital 66	CMW-5	06/16/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	5.3	< 10	15	
Capital 66	CMW-5	10/05/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	4.3	< 20	29	
Capital 66	CMW-5	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	4.6	< 10	15	
Capital 66	CMW-5	04/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.2	< 10	15	
Capital 66	CMW-5	07/18/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.3	< 10	15	
Capital 66	CMW-5	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.1	< 10	15	
Capital 66	CMW-5	01/09/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.5	< 10	15	
Capital 66	CMW-5	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.7	< 10	15	
Capital 66	CMW-5	06/26/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.4	< 10	15	
Capital 66	CMW-5	09/19/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	2.4	< 10	15	
Capital 66	CMW-5	12/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.2	< 10	15	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Capital 66	CMW-5	01/20/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.1	< 10	15	
Capital 66	CMW-5	02/12/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.2	< 10	15	
Capital 66	CMW-5	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
Capital 66	CMW-5	07/14/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
Capital 66	CMW-5	12/16/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-5	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	09/27/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	12/06/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	03/11/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	06/15/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	10/05/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
Capital 66	CMW-6	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	04/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	07/19/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	01/10/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Capital 66	CMW-6	12/14/16										Destroyed
Capital 66	SVE-4	03/26/10	79	75	16	120	< 1.0	0.32	< 1.0	35	325	
Capital 66	SVE-4	09/28/10	71	150	< 1.0	58	< 1.0	2.0	< 1.0	3.1	283	
Capital 66	SVE-4	12/06/10	28	28	< 1.0	40	< 1.0	0.35	< 1.0	3.5	101	
Capital 66	SVE-4	03/10/11	47	11	< 1.0	85	< 1.0	0.076	< 1.0	21	165	
Capital 66	SVE-4	06/15/11	520	480	54	560	< 1.0	2.4	< 1.0	132	1,746	
Capital 66	SVE-4	10/05/11	5.4	3.7	< 2.0	20	< 2.0	0.037	< 2.0	< 20	51	
Capital 66	SVE-4	02/16/13	< 1.0	1.1	< 1.0	4.1	< 1.0	< 1.0	< 1.0	< 10	17	
Capital 66	SVE-4	05/13/13	< 2.0	2.1	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 20	29	
Capital 66	SVE-4	07/20/13	1.3	19	5.1	79	< 1.0	< 1.0	< 1.0	4.2	109	
Capital 66	SVE-4	11/07/13	7.1	2.3	< 1.0	10	< 1.0	< 1.0	< 1.0	< 10	30	
Capital 66	SVE-4	12/14/16										Emitter stuck in the well
De Vargas	MW-10	08/03/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	03/24/10	< 1.0	1.4	< 1.0	2.0	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	09/27/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	03/10/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	06/16/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	MW-10	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-10	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	MW-11	03/25/10	8,400	2,200	170	4,300	< 50	67	63	290	15,360	
De Vargas	MW-11	09/27/10										NAPL
De Vargas	MW-11	01/06/12	390	2,500	620	11,000	< 20	160	40	1,220	15,730	
De Vargas	MW-11	04/10/12	300	700	540	9,100	< 10	150	31	1,210	11,850	
De Vargas	MW-11	07/18/12	300	840	420	8,100	< 10	130	24	870	10,530	
De Vargas	MW-11	01/09/13	280	720	750	5,500	< 10	73	22	598	7,848	
De Vargas	MW-11	04/02/13	270	750	810	5,300	< 20	79	24	710	7,840	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	MW-11	06/25/13	170	440	610	4,000	< 20	84	< 20	750	5,970	
De Vargas	MW-11	09/17/13	190	440	710	4,300	< 10	70	19	830	6,470	
De Vargas	MW-11	10/11/13	2.2	1.7	1.4	17	< 1.0	5.5	1.5	3.2	26	
De Vargas	MW-11	12/16/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	2.2	< 1.0	< 10	15	
De Vargas	MW-11	01/20/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	5.7	2.2	< 10	15	
De Vargas	MW-11	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	14	3.5	< 10	15	
De Vargas	MW-11	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.54	< 1.0	< 10	15	
De Vargas	MW-11	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	4.9	1.5	< 10	15	
De Vargas	MW-11	09/24/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	8.5	3.9	< 10	15	
De Vargas	MW-11	10/26/15	6.1	1.5	16	180	< 1.0	5.9	5.5	52	256	
De Vargas	MW-11	04/04/16	6.7	< 5.0	8.3	440	< 5.0	16	6.6	94	554	
De Vargas	MW-11	12/14/16	3.0	< 1.0	12	81	< 1.0	7.7	2.9	358	455	
De Vargas	MW-11	08/14/17	< 1.0	< 1.0	46	350	< 1.0	0.84	1.4	640	1,038	
De Vargas	MW-11	02/22/18	< 5.0	< 5.0	110	1,600	< 5.0	3.6	< 5.0	445	2,165	
De Vargas	MW-11	08/08/18	< 5.0	< 5.0	84	730	< 5.0	1.5	< 5.0	442	1,266	
De Vargas	MW-11	02/20/19	< 5.0	< 5.0	28	210	< 5.0	1.4	< 5.0	480	728	
De Vargas	MW-11	09/23/19	< 2.5	< 5.0	43	150	< 5.0	0.74	< 5.0	411	612	
De Vargas	MW-11	07/29/22	< 5.0	< 5.0	130	110	< 5.0	0.036	< 5.0	263	513	
De Vargas	MW-11	11/14/22	< 5.0	< 5.0	130	150	< 5.0	0.085	< 5.0	301	591	
De Vargas	MW-11	04/03/23										PetroFix® in the well
De Vargas	MW-12	03/25/10	940	420	21	510	< 10	4.3	46	< 100	1,991	
De Vargas	MW-12	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	07/18/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	10/09/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	01/09/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	04/02/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	06/25/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	09/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	MW-12	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	01/20/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-12	02/22/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	MW-13	02/22/11	9,500	14,000	1,100	5,900	< 1.0	140	200	458	30,958	
De Vargas	MW-13	03/10/11	10,000	21,000	1,500	11,000	< 20	130	230	600	44,100	
De Vargas	MW-13	06/15/11	11,000	24,000	2,100	19,000	< 20	220	180	1,590	57,690	
De Vargas	MW-13	10/04/11	7,000	13,000	350	11,000	< 100	180	100	620	31,970	
De Vargas	MW-13	01/06/12	6,300	9,500	560	9,700	< 100	86	< 100	1,340	27,400	
De Vargas	MW-13	04/10/12	5,500	9,200	350	7,300	< 100	53	< 100	630	22,980	
De Vargas	MW-13	07/18/12	5,900	9,400	260	6,300	< 100	76	< 100	630	22,490	
De Vargas	MW-13	10/11/12	4,700	5,500	270	5,300	< 100	60	< 100	980	16,750	
De Vargas	MW-13	01/09/13	4,200	2,900	330	4,300	< 100	34	< 100	640	12,370	
De Vargas	MW-13	04/02/13	3,600	1,000	310	2,500	< 20	31	67	860	8,270	
De Vargas	MW-13	06/25/13	3,000	1,000	310	2,600	< 20	29	59	770	7,680	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	MW-13	09/18/13	2,200	530	270	2,200	< 20	22	39	870	6,070	
De Vargas	MW-13	10/11/13	440	260	68	890	< 10	< 10	14	336	1,994	
De Vargas	MW-13	12/16/13	13	69	34	750	< 10	2.3	< 10	140	1,006	
De Vargas	MW-13	01/20/14	59	110	48	840	< 1.0	7.4	< 10	208	1,265	
De Vargas	MW-13	02/11/14	22	85	41	760	< 10	6.4	< 10	135	1,043	
De Vargas	MW-13	04/07/14	20	44	23	400	< 5.0	2.0	< 5.0	71	558	
De Vargas	MW-13	07/17/14	29	15	9.3	310	< 1.0	2.1	5.9	67	430	
De Vargas	MW-13	09/24/14	19	13	6.4	230	< 1.0	3.6	8.8	77	345	
De Vargas	MW-13	10/26/15	1,100	360	< 100	1,200	< 100	< 100	< 100	220	2,980	
De Vargas	MW-13	04/04/16	300	60	7.3	74	< 5.0	< 5.0	5.2	21	462	
De Vargas	MW-13	12/14/16	16	< 1.0	< 1.0	< 1.5	< 1.0	0.065	< 1.0	< 10	30	
De Vargas	MW-13	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	< 1.0	< 10	15	
De Vargas	MW-13	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	MW-13	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	MW-13	02/20/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	MW-14	02/22/11	3.2		120	890	< 1.0	1.2	1.1	185	1,198	
De Vargas	MW-14	03/10/11	< 1.0	12	5.6	320	< 1.0	1.3	1.2	201	540	
De Vargas	MW-14	06/15/11	< 1.0	< 1.0	< 1.0	8.9	< 1.0	0.037	< 1.0	31	43	
De Vargas	MW-14	10/04/11	1.4	1.9	< 1.0	34	< 1.0	0.19	2.2	63	101	
De Vargas	MW-14	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	130	135	
De Vargas	MW-14	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.074	< 1.0	181	186	
De Vargas	MW-14	07/18/12	< 1.0	< 1.0	< 1.0	2.7	< 1.0	0.46	3.9	242	248	
De Vargas	MW-14	10/11/12	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	0.27	8.7	43	66	
De Vargas	MW-14	01/09/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.11	3.7	18	22	
De Vargas	MW-14	04/02/13	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	0.23	< 5.0	44	67	
De Vargas	MW-14	06/25/13	< 1.0	< 1.0	< 1.0	1.7	< 1.0	0.082	1.2	40	45	
De Vargas	MW-14	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	1.2	32	36	
De Vargas	MW-14	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.13	< 1.0	11	15	
De Vargas	MW-14	01/20/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.22	< 1.0	82	87	
De Vargas	MW-14	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.11	< 1.0	20	24	
De Vargas	MW-14	04/07/14	< 1.0	< 1.0	< 1.0	1.6	< 1.0	0.16	< 1.0	47	52	
De Vargas	MW-14	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.16	< 1.0	32	37	
De Vargas	MW-14	09/24/14	< 1.0	< 1.0	< 1.0	2.8	< 1.0	0.18	< 1.0	219	225	
De Vargas	MW-14	10/26/15	< 2.5	< 5.0	< 5.0	27	< 5.0	< 5.0	< 5.0	266	306	
De Vargas	MW-14	04/04/16	< 10	< 10	< 10	< 15	< 10	< 10	< 10	39	84	
De Vargas	MW-14	12/14/16	< 1.0	< 1.0	< 1.0	3.9	< 1.0	0.013	4.9	91	98	
De Vargas	MW-14	08/14/17	< 1.0	< 1.0	< 1.0	8.4	< 1.0	< 0.0093	2.6	128	139	
De Vargas	MW-14	02/22/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	1.5	29	33	
De Vargas	MW-14	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	MW-14	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	MW-15	02/22/11	13,000	24,000	1,400	9,300	< 50	140	280	440	48,140	
De Vargas	MW-15	03/10/11	13,000	24,000	1,800	11,000	< 50	120	280	590	50,390	
De Vargas	MW-15	05/09/11	5,400	6,600	630	2,900	< 100	60	110	280	15,810	
De Vargas	MW-15	06/15/11	2,200	2,700	410	1,000	< 10	21	78	285	6,595	
De Vargas	MW-15	10/05/11	1,300	470	140	400	< 10	8.5	75	100	2,410	
De Vargas	MW-15	01/05/12	2,100	380	150	440	< 10	6.8	100	110	3,180	
De Vargas	MW-15	04/10/12	1,300	81	86	150	< 10	2.9	67	60	1,677	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	MW-15	07/18/12	1,700	22	43	34	< 10	1.1	72	38	1,837	
De Vargas	MW-15	10/10/12	1,700	140	72	110	< 10	2.0	82	37	2,059	
De Vargas	MW-15	01/09/13	1,700	140	67	120	< 10	0.94	71	26	2,053	
De Vargas	MW-15	04/02/13	1,400	85	38	76	< 10	0.71	68	25	1,624	
De Vargas	MW-15	06/25/13	560	37	14	39	< 10	0.30	44	< 100	750	
De Vargas	MW-15	09/18/13	160	1.7	1.9	2.9	< 1.0	< 1.0	32	2.2	169	
De Vargas	MW-15	12/16/13	33	< 1.0	< 1.0	2.7	< 1.0	0.41	34	< 10	48	
De Vargas	MW-15	01/20/14	76	2.2	< 1.0	4.5	< 1.0	0.27	19	< 10	94	
De Vargas	MW-15	02/11/14	170	7.5	1.4	11	< 1.0	1.2	30	3.3	193	
De Vargas	MW-15	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.056	7.7	< 10	15	
De Vargas	MW-15	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.019	4.9	< 10	15	
De Vargas	MW-15	10/26/15	590	1.9	27	12	< 1.0	< 1.0	64	29	660	
De Vargas	MW-15	04/04/16	120	< 5.0	5.3	< 7.5	< 5.0	< 5.0	41	< 50	188	
De Vargas	MW-15	12/14/16	2.8	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	32	< 10	16	
De Vargas	MW-15	08/14/17	1.6	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	28	< 10	15	
De Vargas	MW-15	02/19/18	1.9	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	28	< 10	15	
De Vargas	MW-15	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	40	< 10	15	
De Vargas	MW-15	02/20/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	22	< 10	15	
De Vargas	MW-15	09/24/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	26	< 4.0	8.5	
De Vargas	MW-15	07/29/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	23	< 4.0	8.5	
De Vargas	MW-15	11/14/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	25	< 4.0	8.5	
De Vargas	MW-15	04/03/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	18	< 10	15	
De Vargas	MW-16	08/11/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	MW-16	12/14/16										Paved over
De Vargas	MW-17	08/11/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	MW-17	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	MW-17	02/22/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-07	03/24/10										NAPL
De Vargas	SFCMW-07	01/05/12	< 1.0	2.1	< 1.0	23	< 1.0	0.47	< 1.0	239	266	
De Vargas	SFCMW-07	04/11/12	2.3	3.3	< 2.0	26	< 2.0	0.25	< 2.0	39	73	
De Vargas	SFCMW-07	07/18/12	< 1.0	< 1.0	< 1.0	14	< 1.0	0.22	< 1.0	49	66	
De Vargas	SFCMW-07	10/09/12	1.2	1.0	< 1.0	16	< 1.0	0.14	< 1.0	20	39	
De Vargas	SFCMW-07	01/09/13	< 1.0	< 1.0	< 1.0	7.9	< 1.0	0.11	< 1.0	20	31	
De Vargas	SFCMW-07	04/02/13	< 1.0	< 1.0	< 1.0	7.3	< 1.0	0.077	< 1.0	13	24	
De Vargas	SFCMW-07	06/25/13	< 1.0	< 1.0	< 1.0	3.6	< 1.0	0.069	< 1.0	10	17	
De Vargas	SFCMW-07	09/18/13	1.1	1.5	< 1.0	5.9	< 1.0	< 1.0	< 1.0	41	51	
De Vargas	SFCMW-07	12/17/13	1.4	< 1.0	< 1.0	5.5	< 1.0	0.035	< 1.0	51	60	
De Vargas	SFCMW-07	01/21/14	< 1.0	< 1.0	< 1.0	4.4	< 1.0	0.030	< 1.0	57	64	
De Vargas	SFCMW-07	02/10/14	< 1.0	< 1.0	< 1.0	4.3	< 1.0	0.029	< 1.0	53	60	
De Vargas	SFCMW-07	04/08/14	< 1.0	< 1.0	< 1.0	1.9	< 1.0	0.027	< 1.0	41	46	
De Vargas	SFCMW-07	07/15/14	< 1.0	< 1.0	< 1.0	14	< 1.0	0.045	< 1.0	117	134	
De Vargas	SFCMW-07	09/26/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	0.022	< 5.0	239	262	
De Vargas	SFCMW-07	10/26/15	< 10	< 10	< 10	120	< 10	< 10	< 10	1,910	2,060	
De Vargas	SFCMW-07	04/04/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.92	< 1.0	< 10	15	
De Vargas	SFCMW-07	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.59	1.2	< 10	15	
De Vargas	SFCMW-07	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.35	1.2	< 10	15	
De Vargas	SFCMW-07	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.44	1.1	< 10	15	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	SFCMW-07	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.19	< 1.0	< 10	15	
De Vargas	SFCMW-07	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.13	< 1.0	< 10	15	
De Vargas	SFCMW-07	09/24/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.021	< 1.0	< 4.0	8.5	
De Vargas	SFCMW-07	07/29/22	< 1.0	< 1.0	< 1.0	1.7	< 1.0	0.090	1.1	10	15	
De Vargas	SFCMW-07	11/15/22	< 1.0	< 1.0	< 1.0	3.1	< 1.0	0.080	< 1.0	52	58	
De Vargas	SFCMW-07	04/03/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.023	1.2	< 10	15	
De Vargas	SFCMW-09	03/26/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09	03/11/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09	06/14/11										Obstruction
De Vargas	SFCMW-09	10/04/11										Destroyed
De Vargas	SFCMW-09D	03/26/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	03/11/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	06/15/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	SFCMW-09D	10/06/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	01/05/12	< 1.0	1.5	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	01/08/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 2.0	7.0	
De Vargas	SFCMW-09D	04/02/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	01/21/14	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 0.010	< 2.0	< 20	30	
De Vargas	SFCMW-09D	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-09D	07/16/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	SFCMW-09D	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-11	03/25/10	3,700	4,600	1,200	6,800	< 50	29	110	680	16,980	
De Vargas	SFCMW-11	09/27/10										NAPL
De Vargas	SFCMW-11	03/10/11	52	370	220	4,200	< 20	2.3	< 20	1,440	6,282	
De Vargas	SFCMW-11	06/15/11	96	410	120	2,700	< 20	1.5	< 20	560	3,886	
De Vargas	SFCMW-11	10/04/11	39	300	110	2,100	< 20	0.66	< 20	600	3,149	
De Vargas	SFCMW-11	01/05/12	21	110	180	1,200	< 10	0.10	< 10	720	2,231	
De Vargas	SFCMW-11	04/11/12	< 1.0	4.0	5.8	31	< 1.0	< 0.010	< 1.0	21	62	
De Vargas	SFCMW-11	07/18/12	< 20	26	36	220	< 20	< 0.010	< 20	< 200	502	
De Vargas	SFCMW-11	10/09/12	< 5.0	34	47	230	< 5.0	< 0.010	< 5.0	73	389	
De Vargas	SFCMW-11	01/08/13	< 1.0	3.3	7.5	30	< 1.0	< 0.010	< 1.0	12	54	
De Vargas	SFCMW-11	04/03/13	< 1.0	27	62	300	< 1.0	< 0.010	< 1.0	69	459	
De Vargas	SFCMW-11	06/25/13	< 2.0	< 2.0	7.9	18	< 2.0	< 0.010	< 2.0	21	51	
De Vargas	SFCMW-11	09/18/13	< 1.0	< 1.0	1.2	1.6	< 1.0	< 1.0	< 1.0	8.2	13	
De Vargas	SFCMW-11	12/17/13	< 1.0	< 1.0	1.3	< 1.5	< 1.0	< 0.010	< 1.0	16	21	
De Vargas	SFCMW-11	01/21/14	< 10	< 10	< 10	< 15	< 10	< 0.010	< 10	307	352	
De Vargas	SFCMW-11	02/10/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	14	19	
De Vargas	SFCMW-11	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-11	07/17/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	8.5	13	
De Vargas	SFCMW-11	10/26/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	SFCMW-11	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-11	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	SFCMW-11	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0092	< 1.0	< 10	15	
De Vargas	SFCMW-11	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-11	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0096	< 1.0	< 10	15	
De Vargas	SFCMW-11	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	SFCMW-12	03/25/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	07/18/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	10/09/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	01/08/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	04/02/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	06/25/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	SFCMW-12	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	01/21/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	02/10/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	07/15/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	SFCMW-12	10/26/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	SFCMW-12	04/04/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFCMW-12	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-12	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-12	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SFCMW-12	02/22/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0098	< 1.0	< 10	15	
De Vargas	SFRMW-01	03/25/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	8.7	< 10	15	
De Vargas	SFRMW-01D	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	03/10/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	06/16/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-01D	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-02	09/28/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-02	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-02	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SFRMW-02	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	12/07/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
De Vargas	SVE-10D	03/10/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	06/16/11	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	SVE-10D	10/05/11	< 2.0	< 2.0	< 2.0	16	< 2.0	0.037	< 2.0	< 20	42	
De Vargas	SVE-10D	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	12/16/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-10D	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0096	< 1.0	< 10	15	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
De Vargas	SVE-8	03/25/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-8	12/15/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
De Vargas	SVE-8	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	SVE-9	03/24/10										NAPL
De Vargas	SVE-9	04/04/13	11	290	200	990	< 10	< 0.098	< 10	530	2,021	
De Vargas	SVE-9	06/25/13	< 100	2,000	1,300	6,400	< 100	0.18	< 100	680	10,480	
De Vargas	SVE-9	09/18/13	14	960	580	3,200	< 10	< 10	< 10	1,540	6,294	
De Vargas	SVE-9	04/10/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	0.024	< 5.0	< 50	73	
De Vargas	SVE-9	07/17/14	< 5.0	< 5.0	< 5.0	19	< 5.0	0.098	< 5.0	23	57	
De Vargas	SVE-9	12/15/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.27	< 1.0	< 10	15	
De Vargas	TWN-1	03/24/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	0.023	< 2.0	< 20	29	
De Vargas	TWN-1	07/17/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.010	< 2.0	< 20	29	
De Vargas	TWN-1	10/26/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	TWN-1	04/04/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	TWN-1	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
De Vargas	TWN-1	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	TWN-1	02/19/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	TWN-1	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
De Vargas	TWN-1	02/20/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
De Vargas	TWN-2	03/25/14	< 10	< 10	< 10	610	< 10	3.4	< 10	462	1,102	
De Vargas	TWN-2	07/17/14	8.5	< 5.0	< 5.0	110	< 5.0	0.55	5.8	151	280	
De Vargas	TWN-2	09/24/14	< 5.0	< 5.0	< 5.0	64	< 5.0	0.18	< 5.0	247	326	
De Vargas	TWN-2	10/26/15	420	76	11	870	< 10	50	27	850	2,227	
De Vargas	TWN-2	04/04/16	66	46	9.5	840	< 5.0	26	6.3	670	1,632	
De Vargas	TWN-2	12/14/16	210	130	24	1,300	< 5.0	39	12	1,220	2,884	
De Vargas	TWN-2	08/14/17	270	210	26	1,600	< 10	23	< 10	1,130	3,236	
De Vargas	TWN-2	02/20/18	3.4	1.6	< 1.0	26	< 1.0	0.53	14	57	89	
De Vargas	TWN-2	08/08/18	1.4	< 1.0	< 1.0	4.6	< 1.0	0.15	8.6	5.7	14	
De Vargas	TWN-2	02/22/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.060	15	< 10	15	
De Vargas	TWN-2	09/24/19	3.1	< 1.0	< 1.0	< 1.5	< 1.0	0.14	6.3	< 4.0	11	
De Vargas	TWN-2	07/29/22	36	3.9	24	140	< 1.0	0.32	3.9	880	1,084	
De Vargas	TWN-2	11/15/22	24	5.7	31	100	< 1.0	0.39	5.9	624	785	
De Vargas	TWN-2	04/03/23										PetroFix® in the well
De Vargas	TWN-3	03/24/14	2,800	5,200	1,600	17,000	< 50	230	63	1,190	27,790	
De Vargas	TWN-3	07/17/14	360	620	140	4,300	< 10	40	16	820	6,240	
De Vargas	TWN-3	09/24/14	490	730	51	2,000	< 20	38	< 20	700	3,971	
De Vargas	TWN-3	10/26/15	11,000	10,000	180	7,400	< 10	73	240	955	29,535	
De Vargas	TWN-3	04/06/16	6,100	5,700	150	10,000	< 100	100	160	540	22,490	
De Vargas	TWN-3	12/14/16	4,900	3,200	130	6,400	< 5.0	64	120	685	15,315	
De Vargas	TWN-3	08/14/17	1,200	400	< 20	1,200	< 20	9.1	38	120	2,940	
De Vargas	TWN-3	02/19/18	1.4	< 1.0	< 1.0	< 1.5	< 1.0	0.20	< 1.0	< 10	15	
De Vargas	TWN-3	08/08/18	310	140	86	900	< 1.0	3.8	33	100	1,536	
De Vargas	TWN-3	02/20/19	170	31	29	170	< 1.0	1.5	19	43	443	
De Vargas	TWN-3	09/23/19	29	1.2	1.9	12	< 1.0	4.4	1.6	5.0	49	
De Vargas	TWN-3	07/29/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 4.0	8.5	
De Vargas	TWN-3	11/14/22	13	< 1.0	< 1.0	< 1.5	< 1.0	0.020	4.4	5.2	22	
De Vargas	TWN-3	04/03/23										PetroFix® in the well

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Design Center	MW-20	08/11/14	< 2.0	< 2.0	< 2.0	< 3.0	6.4	< 0.010	10	< 20	29	
Design Center	MW-20	09/24/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-20	10/28/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
Design Center	MW-20	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
Design Center	MW-20	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-20	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
Design Center	MW-20	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
Design Center	MW-20	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
Design Center	MW-20	02/22/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
Design Center	MW-4	02/13/06	1,600	220	< 10	360	< 10	6.0	35	< 40	2,230	
Design Center	MW-4	06/02/06	1.2	< 1.0	< 1.0	< 3.0	< 1.5	0.013	< 1.0	< 10	16	
Design Center	MW-4	02/16/07	1.4	3.1	< 1.0	< 3.0	< 1.0	0.018	< 1.0	< 10	19	
Design Center	MW-4	05/23/07	730	680	29	560	< 1.0	2.9	2.1	44	2,043	
Design Center	MW-4	08/29/07	13	21	1.6	59	< 1.0	0.018	< 1.0	20	115	
Design Center	MW-4	11/15/07	3,600	8,100	780	4,500	< 1.0	25	4.7	569	17,549	
Design Center	MW-4	09/15/08	4,400	4,200	370	2,400	< 100	26	< 100	< 400	11,770	
Design Center	MW-4	12/19/08	3,700	3,800	310	2,100	< 100	18	< 100	< 400	10,310	
Design Center	MW-4	03/09/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.014	< 1.0	< 10	15	
Design Center	MW-4	05/22/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-4	07/17/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-4	03/25/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	MW-4	04/11/12	8,100	37,000	3,400	21,000	< 100	110	< 100	750	70,250	
Design Center	MW-4	07/19/12	7,500	33,000	3,000	19,000	< 100	81	< 100	1,000	63,500	
Design Center	MW-4	10/11/12	6,600	37,000	3,400	20,000	< 100	120	< 100	1,310	68,310	
Design Center	MW-4	01/09/13	5,400	33,000	3,100	20,000	< 500	66	< 500	< 5,000	66,500	
Design Center	MW-4	04/04/13	4,400	31,000	3,500	20,000	< 100	44	< 100	1,290	60,190	
Design Center	MW-4	06/24/13	3,200	24,000	2,300	16,000	< 100	28	< 100	720	46,220	
Design Center	MW-4	09/19/13	3,200	21,000	2,600	19,000	< 200	< 200	< 200	970	46,770	
Design Center	MW-4	10/11/13	< 50	4,700	2,000	16,000	< 50	< 50	< 50	1,520	24,270	
Design Center	MW-4	12/18/13	< 50	< 50	84	3,400	< 50	2.5	< 50	170	3,754	
Design Center	MW-4	01/22/14	< 10	29	170	6,600	< 10	1.6	< 10	950	7,759	
Design Center	MW-4	02/12/14	< 50	< 50	170	6,200	< 50	1.0	< 50	810	7,280	
Design Center	MW-4	06/24/14										Plugged and abandoned
Design Center	MW-4R	06/24/14	8,200	32,000	2,600	17,000	< 10	100	24	1,090	60,890	
Design Center	MW-4R	07/15/14	6,800	30,000	2,600	17,000	< 20	54	< 20	872	57,272	
Design Center	MW-4R	09/24/14	6,800	27,000	2,300	17,000	< 50	74	< 50	1,220	54,320	
Design Center	MW-4R	10/28/15	7,700	13,000	1,600	11,000	< 10	44	< 10	910	34,210	
Design Center	MW-4R	04/06/16	7,400	15,000	1,500	11,000	< 100	< 100	< 10	500	35,400	
Design Center	MW-4R	12/14/16	610	1,400	300	2,100	< 100	1.3	< 100	< 1,000	5,410	
Design Center	MW-4R	08/14/17	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0094	< 2.0	58	67	
Design Center	MW-4R	02/21/18	1,400	9,100	860	6,000	< 10	1.6	< 10	468	17,828	
Design Center	MW-4R	08/08/18	790	4,800	480	3,400	< 25	1.2	< 25	200	9,670	
Design Center	MW-4R	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
Design Center	MW-4R	09/24/19	1,800	13,000	1,300	9,200	< 1.0	2.2	< 1.0	597	25,897	
Design Center	MW-4R	07/29/22	210	2,000	200	1,200	< 50	0.078	< 50	< 200	3,810	
Design Center	MW-4R	11/17/22	870	10,000	1,100	6,800	< 20	0.90	< 20	673	19,443	
Design Center	MW-4R	04/05/23	1.9	7.6	15	79	< 1.0	< 0.093	< 1.0	20	123	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
Design Center	TWS-1	03/24/14	140	3,100	1,600	8,100	< 50	0.51	< 50	1,170	14,110	
Design Center	TWS-1	07/18/14	< 5.0	18	9.6	130	< 5.0	< 0.010	< 5.0	32	195	
Design Center	TWS-1	09/25/14	< 5.0	170	57	470	< 5.0	< 0.010	< 5.0	89	791	
Design Center	TWS-1	10/26/15	570	4,100	690	4,400	< 10	< 10	< 10	676	10,436	
Design Center	TWS-1	04/06/16	< 2.0	3.8	2.1	170	< 2.0	< 2.0	< 2.0	81	259	
Design Center	TWS-1	12/14/16	< 1.0	< 1.0	< 1.0	10	< 1.0	< 0.010	< 1.0	8.2	21	
Design Center	TWS-1	08/15/17	< 1.0	< 1.0	< 1.0	1.7	< 1.0	< 0.0094	< 1.0	9.8	15	
Design Center	TWS-1	02/21/18	< 1.0	< 1.0	< 1.0	12	< 1.0	< 0.0093	< 1.0	24	39	
Design Center	TWS-1	08/08/18	< 1.0	< 1.0	< 1.0	9.9	< 1.0	< 0.0095	< 1.0	23	36	
Design Center	TWS-1	02/21/19	< 1.0	< 1.0	< 1.0	8.2	< 1.0	< 0.0095	< 1.0	28	39	
Design Center	TWS-1	09/23/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
Design Center	TWS-1	08/01/22	< 1.0	< 1.0	< 1.0	2.7	< 1.0	< 1.0	< 1.0	2.0	7.7	
Design Center	TWS-1	11/16/22	< 1.0	< 1.0	2.3	5.9	< 1.0	< 1.0	< 1.0	48	58	
Design Center	TWS-1	04/05/23	< 1.0	< 1.0	< 1.0	J 1.2	< 1.0	< 1.0	< 1.0	J 3.0	7.2	
Design Center	TWS-2	03/24/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-2	07/15/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-2	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-2	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
Design Center	TWS-3	03/24/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-3	07/15/14	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.020	< 1.0	< 20	29	
Design Center	TWS-3	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
Design Center	TWS-3	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
Design Center	TWS-4	03/24/14	2,200	4,400	900	3,400	< 10	1.7	46	193	11,093	
Design Center	TWS-4	07/15/14	400	72	79	210	< 20	0.075	41	< 200	961	
Design Center	TWS-4	09/24/14	1,400	510	380	840	< 10	0.43	45	331	3,461	
Design Center	TWS-4	10/27/15	1,800	4,300	760	3,500	< 100	< 100	< 100	< 1,000	11,360	
Design Center	TWS-4	04/05/16	750	1,000	530	2,200	< 20	< 20	< 20	140	4,620	
Design Center	TWS-4	12/14/16	540	700	620	2,200	< 20	0.14	< 20	170	4,230	
Design Center	TWS-4	08/14/17	300	220	340	930	< 10	< 0.0094	< 10	87	1,877	
Design Center	TWS-4	02/21/18	260	410	470	1,300	< 5.0	0.039	7.2	167	2,607	
Design Center	TWS-4	08/08/18	120	170	220	530	< 5.0	0.014	9.4	98	1,138	
Design Center	TWS-4	02/20/19	140	270	230	510	< 5.0	< 0.0095	7.4	89	1,239	
Design Center	TWS-4	09/24/19	410	1,600	760	2,200	< 1.0	0.056	6.9	308	5,278	
Design Center	TWS-4	07/29/22	110	730	540	1,300	< 10	< 0.0094	< 10	191	2,871	
Design Center	TWS-4	11/17/22	110	610	620	1,500	< 10	< 0.0094	< 10	281	3,121	
Design Center	TWS-4	04/05/23	23	25	90	260	< 10	< 0.094	J 3.3	J 73	471	
SFCJC	MW-18	08/08/14	150	< 2.0	7.1	< 3.0	55	< 0.010	190	< 20	182	
SFCJC	MW-18	08/11/14	600	3.7	9.8	8.3	23	< 0.010	130	13	635	
SFCJC	MW-18	09/25/14	2.6	< 2.0	< 2.0	< 3.0	2.3	< 0.010	7.6	< 20	30	
SFCJC	MW-18	10/26/15	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 20	29	
SFCJC	MW-18	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	MW-18	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-18	08/15/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	MW-18	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-18	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	MW-18	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-19	08/11/14	< 2.0	< 2.0	< 2.0	< 3.0	7.7	< 0.010	5.2	< 20	29	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	MW-19	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-19	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	MW-1R	04/03/04	13,000	18,000	180	8,600	< 1.0	34	21	409	40,189	
SFCJC	MW-1R	08/06/04	6,800	6,800	370	3,600	< 10	20	32	627	18,197	
SFCJC	MW-1R	11/02/04	12,000	8,600	540	6,100	< 100	9.6	< 100	340	27,580	
SFCJC	MW-1R	02/13/06	15,000	22,000	2,300	9,900	< 500	37	< 500	< 2,000	51,200	
SFCJC	MW-1R	06/02/06	8,500	13,000	1,600	5,800	< 750	24	< 500	< 2,000	30,900	
SFCJC	MW-1R	02/16/07	9,800	19,000	1,400	7,700	< 250	74	< 250	510	38,410	
SFCJC	MW-1R	05/23/07	13,000	23,000	1,900	9,600	< 100	71	< 100	440	47,940	
SFCJC	MW-1R	08/29/07	7,400	16,000	710	7,200	< 20	53	< 20	520	31,830	
SFCJC	MW-1R	11/15/07	8,300	21,000	1,300	8,700	< 20	24	< 20	700	40,000	
SFCJC	MW-1R	09/15/08	2,600	18,000	2,500	12,000	< 100	7.9	< 100	550	35,650	
SFCJC	MW-1R	12/19/08	2,000	23,000	3,100	13,000	< 50	7.0	< 50	600	41,700	
SFCJC	MW-1R	03/09/09	1,300	25,000	2,400	12,000	< 50	4.5	< 50	470	41,170	
SFCJC	MW-1R	05/22/09	1,700	25,000	2,400	12,000	< 100	3.3	< 100	510	41,610	
SFCJC	MW-1R	07/18/09	2,300	25,000	2,300	11,000	< 50	2.7	< 50	540	41,140	
SFCJC	MW-1R	03/25/10	3,100	17,000	1,400	9,300	< 50	2.3	< 50	450	31,250	
SFCJC	MW-1R	07/19/12	360	550	32	300	< 20	2.8	< 20	860	2,102	
SFCJC	MW-1R	10/11/12	2,500	4,500	220	2,100	< 20	13	< 20	2,030	11,350	
SFCJC	MW-1R	01/09/13	230	440	45	550	< 5.0	0.50	< 5.0	485	1,750	
SFCJC	MW-1R	04/04/13	3,600	9,500	950	5,500	< 50	2.0	< 50	540	20,090	
SFCJC	MW-1R	06/24/13	2,700	9,200	650	5,100	< 50	2.2	< 50	720	18,370	
SFCJC	MW-1R	09/19/13	480	990	140	1,500	< 5.0	< 5.0	< 5.0	468	3,578	
SFCJC	MW-1R	10/11/13	95	190	8.2	280	< 5.0	< 5.0	< 5.0	324	897	
SFCJC	MW-1R	12/18/13	310	680	31	610	< 5.0	1.9	< 5.0	1,010	2,641	
SFCJC	MW-1R	01/22/14	980	2,100	130	1,800	< 5.0	2.6	< 5.0	1,630	6,640	
SFCJC	MW-1R	02/12/14	1,100	2,700	180	2,500	< 5.0	4.3	< 5.0	1,710	8,190	
SFCJC	MW-1R	04/09/14	16	28	7.5	120	< 5.0	0.32	< 5.0	264	436	
SFCJC	MW-1R	07/15/14	9.6	13	< 5.0	56	< 5.0	0.41	< 5.0	102	186	
SFCJC	MW-1R	09/24/14	1,900	4,500	310	4,700	< 5.0	4.4	< 5.0	2,420	13,830	
SFCJC	MW-1R	10/27/15	240	5,300	2,700	18,000	< 50	< 50	< 50	1,170	27,410	
SFCJC	MW-1R	04/05/16	140	81	1,700	6,600	< 50	< 50	< 50	480	9,001	
SFCJC	MW-1R	12/14/16	99	340	1,100	7,400	< 20	< 0.010	< 20	713	9,652	
SFCJC	MW-1R	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0092	< 1.0	< 10	15	
SFCJC	MW-1R	02/20/18	300	2,300	1,200	12,000	< 10	0.033	< 10	1,030	16,830	
SFCJC	MW-1R	08/08/18	240	1,700	630	8,900	< 10	< 0.0094	< 10	920	12,390	
SFCJC	MW-1R	02/21/19	860	2,200	1,500	12,000	< 10	< 0.0093	< 10	1,080	17,640	
SFCJC	MW-1R	09/24/19	1,700	6,200	2,300	17,000	< 10	0.52	< 10	1,210	28,410	
SFCJC	MW-1R	07/29/22	150	930	1,400	9,500	< 10	< 0.0094	< 10	1,000	12,980	
SFCJC	MW-1R	11/17/22	240	1,200	1,300	8,800	< 10	< 0.0095	< 10	960	12,500	
SFCJC	MW-1R	04/05/23	230	560	760	4,200	< 10	< 0.093	J 5.5	408	6,158	
SFCJC	MW-2	02/07/99	< 1.0	< 1.0	< 1.0	< 3.0					6.0	
SFCJC	MW-2	09/23/03	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 10	14	
SFCJC	MW-2	04/03/04	< 1.0	1.6	< 1.0	< 1.0	1.0	< 0.010	1.0	< 2.5	7.1	
SFCJC	MW-2	08/06/04	1.2	1.8	< 1.0	2.1	< 1.0	< 0.010	< 1.0	< 10	16	
SFCJC	MW-2	11/02/04	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 10	14	
SFCJC	MW-2	02/13/06	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 10	14	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	MW-2	06/02/06	< 1.0	< 1.0	< 1.0	< 3.0	< 1.5	< 0.010	< 1.0	< 10	16	
SFCJC	MW-2	02/16/07	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 0.010	< 1.0	< 10	16	
SFCJC	MW-2	05/23/07	< 1.0	5.7	1.8	8.8	< 1.0	< 0.010	< 1.0	< 10	27	
SFCJC	MW-2	08/29/07	< 1.0	< 1.0	< 1.0	2.7	< 1.0	< 0.010	< 1.0	< 10	16	
SFCJC	MW-2	11/15/07	< 1.0	1.8	1.5	5.7	< 1.0	< 0.010	< 1.0	< 10	20	
SFCJC	MW-2	09/15/08	< 1.0	< 1.0	< 1.0	< 1.5	2.3	< 0.010	2.4	< 10	15	
SFCJC	MW-2	12/19/08	< 1.0	< 1.0	< 1.0	< 1.5	2.4	< 0.010	1.9	< 10	15	
SFCJC	MW-2	03/09/09	< 1.0	< 1.0	< 1.0	1.6	1.5	< 0.010	1.9	< 10	15	
SFCJC	MW-2	05/22/09	< 1.0	< 1.0	< 1.0	< 1.5	4.8	< 0.010	4.4	< 10	15	
SFCJC	MW-2	07/17/09	< 1.0	< 1.0	< 1.0	< 1.5	4.5	< 0.010	3.8	< 10	15	
SFCJC	MW-2	03/26/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-2	04/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-2	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-2	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-3	04/03/04										NAPL
SFCJC	MW-3	08/06/04										NAPL
SFCJC	MW-3	11/02/04										NAPL
SFCJC	MW-3	02/13/06										NAPL
SFCJC	MW-3	06/02/06										NAPL
SFCJC	MW-3	05/23/07	3,400	27,000	4,100	18,000	< 100	0.039	< 100	860	53,360	
SFCJC	MW-3	08/29/07										NAPL
SFCJC	MW-3	11/15/07	2,000	18,000	4,700	22,000	< 20	0.41	< 20	1,460	48,160	
SFCJC	MW-3	09/15/08										NAPL
SFCJC	MW-3	12/19/08										NAPL
SFCJC	MW-3	03/09/09										NAPL
SFCJC	MW-3	05/22/09										NAPL
SFCJC	MW-3	07/10/09										NAPL
SFCJC	MW-5	02/21/06	1,400	310	1,200	2,300	< 50	0.011	< 50	300	5,510	
SFCJC	MW-5	06/02/06	1,600	260	1,700	2,200	< 30	0.020	56	799	6,559	
SFCJC	MW-5	02/16/07	1,600	1,100	1,900	4,700	< 20	< 0.010	< 20	670	9,970	
SFCJC	MW-5	05/23/07	1,400	1,000	2,700	5,000	< 10	6.4	11	841	10,941	
SFCJC	MW-5	08/29/07	1,400	1,600	2,400	6,400	< 5.0	0.027	7.7	979	12,779	
SFCJC	MW-5	11/15/07	1,100	1,300	2,000	4,300	< 5.0	0.019	11	886	9,586	
SFCJC	MW-5	09/15/08	3,100	1,100	1,800	2,500	< 100	0.26	< 100	640	9,140	
SFCJC	MW-5	12/19/08	4,100	2,400	1,600	3,000	< 50	0.12	< 50	550	11,650	
SFCJC	MW-5	03/09/09	7,300	5,300	1,600	4,600	< 50	0.061	52	480	19,280	
SFCJC	MW-5	05/22/09	7,100	6,200	1,600	4,800	< 50	< 0.010	64	490	20,190	
SFCJC	MW-5	07/18/09	6,000	5,300	1,500	4,500	< 20	0.070	48	680	17,980	
SFCJC	MW-5	03/24/10	6,700	4,400	1,800	4,900	< 20	< 0.010	54	670	18,470	
SFCJC	MW-5	10/05/11	< 10	< 10	240	900	< 10	< 0.010	19	421	1,581	
SFCJC	MW-5	01/04/12	440	< 10	< 10	< 15	27	< 0.010	360	< 100	575	
SFCJC	MW-5	04/11/12	13	< 2.0	< 2.0	< 3.0	25	< 0.010	240	< 20	40	
SFCJC	MW-5	07/17/12	3.2	< 1.0	< 1.0	< 1.5	23	< 0.010	220	< 10	17	
SFCJC	MW-5	10/10/12	5.4	1.5	< 1.0	< 1.5	26	< 0.010	260	< 10	19	
SFCJC	MW-5	01/09/13	7.7	< 1.0	< 1.0	< 1.5	16	< 0.010	130	< 10	21	
SFCJC	MW-5	04/03/13	2.4	< 1.0	< 1.0	< 1.5	8.5	< 0.010	93	< 10	16	
SFCJC	MW-5	06/24/13	< 10	< 10	< 10	< 15	< 10	< 0.010	100	< 100	145	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	MW-5	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	17	< 1.0	190	< 10	15	
SFCJC	MW-5	12/19/13	< 1.0	< 1.0	< 1.0	< 1.5	2.9	< 0.010	27	< 10	15	
SFCJC	MW-5	01/22/14	< 1.0	< 1.0	< 1.0	< 1.5	2.7	< 0.010	34	< 10	15	
SFCJC	MW-5	02/12/14	< 1.0	< 1.0	< 1.0	< 1.5	3.0	< 0.010	35	< 10	15	
SFCJC	MW-5	04/09/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.021	1.1	< 10	15	
SFCJC	MW-5	07/15/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.0	< 10	15	
SFCJC	MW-5	10/28/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	MW-5	12/16/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-5	08/15/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-5	02/22/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	MW-5	08/09/18	4.2	< 1.0	27	< 1.5	< 1.0	0.033	< 1.0	6.2	40	
SFCJC	MW-5	02/21/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-6	07/18/09	7,300	14,000	2,600	10,000	< 50	0.14	82	930	34,830	
SFCJC	MW-6	03/24/10	7,200	12,000	2,900	11,000	< 100	0.20	< 100	660	33,760	
SFCJC	MW-6	10/05/11	< 10	16	74	410	15	< 0.010	130	253	763	
SFCJC	MW-6	01/04/12	1,500	26	< 10	43	54	< 0.010	210	120	1,699	
SFCJC	MW-6	04/10/12	2,200	13	3.0	29	43	< 0.010	160	144	2,389	
SFCJC	MW-6	07/17/12	1,300	12	< 10	21	43	< 0.010	160	30	1,373	
SFCJC	MW-6	10/10/12	620	12	< 5.0	18	37	< 0.010	150	121	776	
SFCJC	MW-6	01/10/13	210	< 5.0	< 5.0	< 7.5	22	< 0.010	78	< 50	278	
SFCJC	MW-6	04/02/13	120	< 5.0	< 5.0	< 7.5	28	< 0.010	100	13	151	
SFCJC	MW-6	06/24/13	48	2.5	1.2	2.5	19	< 0.010	75	13	67	
SFCJC	MW-6	09/18/13	33	2.0	< 1.0	2.3	19	< 1.0	75	9.7	48	
SFCJC	MW-6	12/18/13	< 1.0	< 1.0	< 1.0	< 1.5	28	< 0.010	90	< 10	15	
SFCJC	MW-6	01/21/14	< 1.0	< 1.0	< 1.0	3.3	25	< 0.010	78	< 10	16	
SFCJC	MW-6	02/12/14	< 5.0	11	7.8	67	16	0.071	47	19	110	
SFCJC	MW-6	04/09/14	< 5.0	6.1	6.9	84	5.2	0.25	18	50	152	
SFCJC	MW-6	07/14/14	< 1.0	15	9.6	180	8.4	0.39	24	197	403	
SFCJC	MW-6	09/25/14	< 1.0	25	24	200	11	0.18	27	147	397	
SFCJC	MW-6	10/28/15	< 100	< 100	220	4,400	< 100	< 100	< 100	1,520	6,340	
SFCJC	MW-6	04/05/16	< 20	34	87	2,900	< 20	< 20	< 20	830	3,871	
SFCJC	MW-6	12/14/16	< 10	< 10	21	320	< 10	< 0.010	< 10	920	1,281	
SFCJC	MW-6	08/14/17	< 10	< 10	70	750	< 10	0.015	< 10	960	1,800	
SFCJC	MW-6	02/20/18	< 10	33	70	2,000	< 10	0.061	< 10	690	2,803	
SFCJC	MW-6	08/09/18	< 5.0	7.5	210	310	< 10	0.044	< 5.0	473	1,006	
SFCJC	MW-6	02/21/19	< 1.0	5.0	180	230	< 1.0	0.043	< 1.0	180	596	
SFCJC	MW-6	09/23/19	< 2.0	< 2.0	150	35	< 2.0	< 2.0	< 2.0	71	260	
SFCJC	MW-6	08/01/22	< 2.0	11	610	610	< 2.0	< 2.0	< 2.0	512	1,745	
SFCJC	MW-6	11/16/22	< 10	12	410	440	< 10	< 10	< 10	375	1,247	
SFCJC	MW-6	04/05/23	< 10	11	260	760	< 10	< 10	< 10	317	1,358	
SFCJC	MW-7	07/18/09	330	260	350	1,600	< 1.0	0.086	17	133	2,673	
SFCJC	MW-7	03/24/10	1,100	2,900	1,400	7,000	< 50	4.1	< 50	330	12,730	
SFCJC	MW-7	01/04/12	6.3	< 1.0	< 1.0	4.8	16	< 0.010	83	121	134	
SFCJC	MW-7	04/10/12	< 5.0	< 5.0	< 5.0	< 7.5	23	< 0.010	180	49	72	
SFCJC	MW-7	07/17/12	< 5.0	< 5.0	< 5.0	< 7.5	35	< 0.010	230	< 50	73	
SFCJC	MW-7	10/10/12	< 5.0	< 5.0	< 5.0	< 7.5	36	< 0.010	260	< 50	73	
SFCJC	MW-7	01/10/13	< 5.0	< 5.0	< 5.0	< 7.5	39	< 0.010	250	< 50	73	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	MW-7	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	8.3	< 0.010	64	< 10	15	
SFCJC	MW-7	06/24/13	< 1.0	< 1.0	< 1.0	< 1.5	5.2	< 0.010	41	< 10	15	
SFCJC	MW-7	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	7.8	< 1.0	61	< 10	15	
SFCJC	MW-7	12/18/13	< 1.0	< 1.0	< 1.0	< 1.5	1.4	< 0.010	10	< 10	15	
SFCJC	MW-7	01/21/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	4.5	< 10	15	
SFCJC	MW-7	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	6.5	< 10	15	
SFCJC	MW-7	04/09/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.5	< 10	15	
SFCJC	MW-7	07/14/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.5	< 10	15	
SFCJC	MW-7	10/28/15	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 5.0	< 5.0	960	983	
SFCJC	MW-7	04/05/16	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 5.0	< 5.0	267	290	
SFCJC	MW-7	12/14/16	< 2.5	< 2.5	< 2.5	< 5.0	< 2.5	< 0.010	< 2.5	218	231	
SFCJC	MW-7	08/14/17	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0094	< 2.0	98	107	
SFCJC	MW-7	02/20/18	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0094	< 2.0	69	78	
SFCJC	MW-7	08/09/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	< 1.0	4.1	8.6	
SFCJC	MW-7	02/20/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	25	29	
SFCJC	MW-8	07/17/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
SFCJC	MW-8	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.9	< 10	15	
SFCJC	MW-8	01/04/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	4.4	< 10	15	
SFCJC	MW-8	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	3.7	< 10	15	
SFCJC	MW-8	07/17/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	2.0	< 10	15	
SFCJC	MW-8	10/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.8	< 10	15	
SFCJC	MW-8	01/10/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.4	< 10	15	
SFCJC	MW-8	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.9	< 10	15	
SFCJC	MW-8	06/24/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.4	< 10	15	
SFCJC	MW-8	09/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	1.4	< 10	15	
SFCJC	MW-8	12/18/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	01/21/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	02/11/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	07/14/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.3	< 10	15	
SFCJC	MW-8	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	MW-8	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-8	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	MW-9	07/21/09	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	03/24/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	09/27/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	10/07/11	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	01/06/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	MW-9	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-01	03/24/10										NAPL
SFCJC	SFCMW-01	10/06/11	320	3,000	1,200	15,000	< 50	0.50	120	1,790	21,310	
SFCJC	SFCMW-01	01/05/12	240	1,600	850	10,000	< 20	0.15	110	2,470	15,160	
SFCJC	SFCMW-01	04/10/12	350	1,500	1,000	11,000	21	0.064	99	1,690	15,540	
SFCJC	SFCMW-01	07/17/12	350	1,300	1,100	11,000	< 50	0.061	80	1,870	15,620	
SFCJC	SFCMW-01	10/09/12	340	1,000	1,200	11,000	< 50	0.020	65	1,710	15,250	
SFCJC	SFCMW-01	01/08/13	130	250	540	4,300	< 10	0.013	50	980	6,200	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SFCMW-01	04/02/13	99	100	350	2,300	< 10	0.013	50	700	3,549	
SFCJC	SFCMW-01	05/13/13	140	170	570	4,000	< 20	< 20	59	930	5,810	
SFCJC	SFCMW-01	06/25/13	170	230	630	4,700	< 20	< 0.010	61	960	6,690	
SFCJC	SFCMW-01	07/20/13	140	190	620	4,600	< 20	< 20	64	840	6,390	
SFCJC	SFCMW-01	09/18/13	140	180	540	4,300	< 10	< 10	59	900	6,060	
SFCJC	SFCMW-01	11/07/13	130	220	750	5,300	< 10	< 10	74	900	7,300	
SFCJC	SFCMW-01	12/17/13	120	150	600	4,400	< 10	< 0.010	59	740	6,010	
SFCJC	SFCMW-01	01/21/14	100	120	500	3,800	< 10	< 0.010	56	810	5,330	
SFCJC	SFCMW-01	02/10/14	94	120	530	3,600	< 10	< 0.010	55	635	4,979	
SFCJC	SFCMW-01	04/09/14	57	49	290	1,600	< 10	< 0.010	35	405	2,401	
SFCJC	SFCMW-01	07/15/14	54	69	390	2,700	< 10	< 0.010	28	606	3,819	
SFCJC	SFCMW-01	09/25/14	66	82	420	2,900	< 20	< 0.010	40	990	4,458	
SFCJC	SFCMW-01	10/27/15	< 1.0	< 1.0	< 1.0	3.4	< 1.0	< 1.0	< 1.0	143	149	
SFCJC	SFCMW-01	04/05/16	3.2	1.2	1.2	6.9	< 1.0	< 0.010	< 1.0	1,020	1,033	
SFCJC	SFCMW-01	12/15/16	3.8	< 5.0	22	20	< 5.0	< 0.010	< 5.0	540	591	
SFCJC	SFCMW-01	08/15/17	3.6	< 5.0	32	19	< 5.0	< 0.0095	< 5.0	470	530	
SFCJC	SFCMW-01	02/20/18	< 2.5	< 2.5	54	53	< 2.5	< 0.0095	3.7	600	712	
SFCJC	SFCMW-01	08/09/18	< 2.5	< 2.5	51	32	< 2.5	< 0.0094	< 2.5	560	648	
SFCJC	SFCMW-01	02/21/19	< 5.0	< 5.0	95	110	< 5.0	< 0.0094	6.0	540	755	
SFCJC	SFCMW-01	09/23/19	< 2.5	< 5.0	37	15	< 5.0	< 5.0	< 5.0	490	550	
SFCJC	SFCMW-01	08/01/22	< 5.0	< 5.0	44	16	< 5.0	< 5.0	< 5.0	507	577	
SFCJC	SFCMW-01	11/15/22	< 5.0	< 5.0	35	19	< 5.0	< 5.0	< 5.0	376	440	
SFCJC	SFCMW-01	04/05/23	< 5.0	J 1.2	57	16	< 5.0	< 5.0	< 5.0	492	571	
SFCJC	SFCMW-02	03/24/10										NAPL
SFCJC	SFCMW-02	10/06/11	93	< 10	37	170	12	< 0.010	170	195	505	
SFCJC	SFCMW-02	01/05/12	15	< 5.0	9.8	22	12	< 0.010	170	206	258	
SFCJC	SFCMW-02	04/10/12	5.1	2.8	19	76	7.6	< 0.010	100	161	264	
SFCJC	SFCMW-02	07/17/12	< 5.0	< 5.0	< 5.0	8.6	< 5.0	< 0.010	85	1,640	1,664	
SFCJC	SFCMW-02	10/09/12	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	82	67	90	
SFCJC	SFCMW-02	01/08/13	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	80	52	75	
SFCJC	SFCMW-02	04/02/13	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	71	53	76	
SFCJC	SFCMW-02	06/25/13	1.1	1.6	1.0	3.1	3.0	< 0.010	50	47	54	
SFCJC	SFCMW-02	09/18/13	1.0	2.0	< 1.0	3.3	3.8	< 1.0	52	49	56	
SFCJC	SFCMW-02	12/17/13	1.1	< 1.0	< 1.0	< 1.5	2.1	< 0.010	30	71	75	
SFCJC	SFCMW-02	01/21/14	1.2	< 1.0	< 1.0	< 1.5	1.8	< 0.010	27	110	115	
SFCJC	SFCMW-02	02/10/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	24	78	101	
SFCJC	SFCMW-02	04/09/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	16	74	97	
SFCJC	SFCMW-02	07/15/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	12	104	127	
SFCJC	SFCMW-02	09/26/14	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	15	239	262	
SFCJC	SFCMW-02	10/27/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	167	172	
SFCJC	SFCMW-02	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	960	965	
SFCJC	SFCMW-02	12/15/16	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	< 5.0	829	852	
SFCJC	SFCMW-02	08/15/17	2.6	< 5.0	< 5.0	< 7.5	< 5.0	< 0.0093	< 5.0	411	431	
SFCJC	SFCMW-02	02/20/18	3.4	< 2.5	< 2.5	< 3.8	< 2.5	< 0.0095	< 2.5	349	361	
SFCJC	SFCMW-02	08/09/18	2.4	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0094	< 2.0	391	400	
SFCJC	SFCMW-02	02/21/19	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0095	< 2.0	302	311	
SFCJC	SFCMW-02	10/25/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	367	372	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	**Well**	**Date**	**Benzene**	**Toluene**	**Ethyl benzene**	**Total Xylenes**	**MTBE**	**EDB**	**EDC**	**Total Naphthalenes**	**BTEXN**	**Note**
SFCJC	SFCMW-02	11/15/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
SFCJC	SFCMW-02	04/03/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SFCMW-03	03/24/10										NAPL
SFCJC	SFCMW-03	10/06/11	11	380	210	4,000	< 10	0.045	12	1,390	5,991	
SFCJC	SFCMW-03	01/05/12	< 10	83	48	4,900	< 10	< 0.010	20	2,730	7,771	
SFCJC	SFCMW-03	04/10/12	< 10	51	44	4,500	< 10	< 0.010	18	2,590	7,195	
SFCJC	SFCMW-03	07/17/12	< 10	12	< 10	2,500	< 10	< 0.010	< 10	1,640	4,172	
SFCJC	SFCMW-03	10/09/12	< 10	< 10	< 10	1,800	< 10	< 0.010	< 10	1,160	2,990	
SFCJC	SFCMW-03	01/08/13	< 10	< 10	< 10	1,100	< 10	< 0.010	< 10	920	2,050	
SFCJC	SFCMW-03	04/02/13	< 20	< 20	< 20	710	< 20	< 0.010	< 20	810	1,580	
SFCJC	SFCMW-03	06/25/13	< 10	< 10	< 10	190	< 10	< 0.010	< 10	520	740	
SFCJC	SFCMW-03	09/18/13	7.3	< 5.0	< 5.0	200	< 5.0	< 5.0	< 5.0	540	757	
SFCJC	SFCMW-03	12/17/13	< 5.0	< 5.0	< 5.0	120	< 5.0	< 0.010	< 5.0	600	735	
SFCJC	SFCMW-03	01/21/14	< 5.0	< 5.0	< 5.0	86	< 5.0	< 0.010	< 5.0	760	861	
SFCJC	SFCMW-03	02/10/14	< 10	< 10	< 10	90	< 10	< 0.010	< 10	760	880	
SFCJC	SFCMW-03	04/09/14	< 5.0	< 5.0	< 5.0	61	< 5.0	< 0.010	< 5.0	570	646	
SFCJC	SFCMW-03	07/15/14	2.2	< 1.0	< 1.0	95	< 1.0	< 0.010	1.1	860	959	
SFCJC	SFCMW-03	09/25/14	< 10	< 10	< 10	22	< 10	< 0.010	< 10	1,060	1,112	
SFCJC	SFCMW-03	10/27/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	152	157	
SFCJC	SFCMW-03	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	148	153	
SFCJC	SFCMW-03	12/15/16	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.010	< 5.0	680	703	
SFCJC	SFCMW-03	08/15/17	< 5.0	< 5.0	< 5.0	< 7.5	< 5.0	< 0.0094	< 5.0	360	383	
SFCJC	SFCMW-03	02/20/18	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 0.0095	< 2.0	292	301	
SFCJC	SFCMW-03	08/09/18	2.9	< 1.0	< 1.0	< 1.5	< 2.0	< 0.0093	< 1.0	204	210	
SFCJC	SFCMW-03	02/20/19	1.6	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	147	152	
SFCJC	SFCMW-03	10/25/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	188	193	
SFCJC	SFCMW-03	08/02/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	10	15	
SFCJC	SFCMW-03	11/15/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
SFCJC	SFCMW-03	04/03/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SFCMW-04	03/24/10										NAPL
SFCJC	SFCMW-04	10/04/11										Destroyed
SFCJC	SFCMW-05	03/24/10										NAPL
SFCJC	SFCMW-05	10/04/11										Destroyed
SFCJC	SFCMW-06	03/24/10										NAPL
SFCJC	SFCMW-06	10/06/11	16	1.7	< 1.0	5.4	< 1.0	0.075	2.6	< 10	34	
SFCJC	SFCMW-06	01/05/12	53	3.0	< 1.0	5.0	< 1.0	0.056	5.6	35	97	
SFCJC	SFCMW-06	04/10/12	440	5.1	2.7	8.3	3.7	0.061	19	95	551	
SFCJC	SFCMW-06	07/17/12	710	9.2	22	20	4.5	0.19	52	88	849	
SFCJC	SFCMW-06	10/10/12	1,800	< 10	66	< 15	< 10	0.14	140	29	1,920	
SFCJC	SFCMW-06	01/08/13	1,300	6.7	35	9.8	7.1	0.084	130	50	1,402	
SFCJC	SFCMW-06	04/02/13	400	5.5	15	< 7.5	< 5.0	0.081	58	45	473	
SFCJC	SFCMW-06	06/25/13	270	5.1	13	< 7.5	< 5.0	0.091	39	12	308	
SFCJC	SFCMW-06	09/18/13	70	2.9	< 1.0	7.1	< 1.0	< 1.0	9.2	60	141	
SFCJC	SFCMW-06	12/17/13	7.1	< 1.0	5.4	94	< 1.0	0.54	< 1.0	59	167	
SFCJC	SFCMW-06	01/21/14	4.6	< 1.0	5.1	99	< 1.0	0.51	< 1.0	90	200	
SFCJC	SFCMW-06	02/10/14	5.1	< 1.0	5.3	130	< 1.0	0.51	< 1.0	94	235	
SFCJC	SFCMW-06	04/08/14	5.9	< 1.0	3.0	120	< 1.0	0.34	< 1.0	104	234	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SFCMW-06	07/17/14	< 1.0	< 1.0	< 1.0	54	< 1.0	0.061	< 1.0	60	117	
SFCJC	SFCMW-06	09/26/14	2.2	< 1.0	< 1.0	27	< 1.0	0.10	< 1.0	570	601	
SFCJC	SFCMW-06	10/27/15	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SFCMW-06	04/04/16	11	3.8	1.6	30	< 1.0	0.36	2.1	182	228	
SFCJC	SFCMW-06	12/15/16	5.5	1.6	1.0	7.6	< 1.0	0.055	< 1.0	100	116	
SFCJC	SFCMW-06	08/15/17	6.1	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	9.4	19	
SFCJC	SFCMW-06	02/20/18	4.9	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	6.2	15	
SFCJC	SFCMW-06	08/08/18	5.7	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	4.6	14	
SFCJC	SFCMW-06	02/21/19	2.1	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	16	
SFCJC	SFCMW-08	03/26/10	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	01/05/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	04/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	07/17/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	01/08/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 2.0	7.0	
SFCJC	SFCMW-08	04/02/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	01/20/14	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	04/07/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	07/16/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	04/05/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SFCMW-08	02/20/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0095	< 1.0	< 10	15	
SFCJC	SFCMW-10	03/24/10										NAPL
SFCJC	SFCMW-10	10/06/11	1,400	1,700	120	2,100	< 50	1.8	< 50	100	5,420	
SFCJC	SFCMW-10	01/05/12	4,500	1,500	1,100	6,300	< 5.0	0.78	6.4	374	13,774	
SFCJC	SFCMW-10	04/10/12	1,900	170	68	600	17	0.26	12	137	2,875	
SFCJC	SFCMW-10	07/18/12	1,800	94	64	270	< 50	0.21	< 50	110	2,338	
SFCJC	SFCMW-10	10/10/12	230	8.0	12	25	2.8	0.10	2.3	44	319	
SFCJC	SFCMW-10	11/20/12	1,400	120	25	150	12	< 1.0	13	220	1,915	
SFCJC	SFCMW-10	12/28/12	200	61	6.1	72	< 5.0	< 5.0	< 5.0	89	428	
SFCJC	SFCMW-10	01/08/13	130	61	5.5	61	2.6	0.52	2.6	114	372	
SFCJC	SFCMW-10	02/16/13	200	150	21	190	3.0	< 1.0	3.0	341	902	
SFCJC	SFCMW-10	04/02/13	220	750	65	490	< 10	2.2	< 10	459	1,984	
SFCJC	SFCMW-10	05/13/13	300	1,300	120	750	< 10	< 10	< 10	628	3,098	
SFCJC	SFCMW-10	06/25/13	340	1,700	130	850	< 10	1.3	< 10	733	3,753	
SFCJC	SFCMW-10	07/20/13	300	1,700	150	860	< 10	< 10	< 10	730	3,740	
SFCJC	SFCMW-10	09/19/13	240	390	62	340	< 10	< 10	< 10	386	1,418	
SFCJC	SFCMW-10	11/07/13	100	260	33	210	< 10	< 10	< 10	170	773	
SFCJC	SFCMW-10	12/17/13	120	450	51	320	< 10	1.0	< 10	357	1,298	
SFCJC	SFCMW-10	01/21/14	210	890	100	560	< 10	1.3	< 10	567	2,327	
SFCJC	SFCMW-10	02/10/14	200	1,200	110	650	< 10	1.5	< 10	409	2,569	
SFCJC	SFCMW-10	04/09/14	260	1,700	200	1,000	< 10	2.2	< 10	505	3,665	
SFCJC	SFCMW-10	07/15/14	120	380	52	240	< 10	0.57	< 10	258	1,050	
SFCJC	SFCMW-10	09/25/14	240	1,300	170	820	< 10	1.3	< 10	910	3,440	
SFCJC	SFCMW-10	10/27/15	29	85	< 10	31	< 10	< 10	< 10	1,640	1,795	
SFCJC	SFCMW-10	04/05/16	7.8	32	6.7	71	< 5.0	0.033	< 5.0	3,470	3,588	
SFCJC	SFCMW-10	12/15/16	22	29	< 10	170	< 10	0.069	< 10	4,600	4,831	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SFCMW-10	08/15/17	65	20	< 20	180	< 20	0.17	< 10	4,500	4,785	
SFCJC	SFCMW-10	02/20/18	72	13	15	350	< 10	0.21	< 10	4,700	5,150	
SFCJC	SFCMW-10	08/08/18	23	< 10	< 10	45	< 10	0.061	< 10	4,200	4,288	
SFCJC	SFCMW-10	02/21/19	48	< 10	< 10	48	< 10	0.078	< 10	2,450	2,566	
SFCJC	SFCMW-10	09/23/19	83	< 10	< 10	62	< 10	< 10	< 10	3,010	3,175	
SFCJC	SFCMW-10	08/01/22	21	< 10	< 10	< 15	< 10	< 10	< 10	1,359	1,415	
SFCJC	SFCMW-10	11/16/22	19	< 10	< 10	25	< 10	< 10	< 10	2,810	2,874	
SFCJC	SFCMW-10	04/05/23	14	< 10	< 10	20	< 10	< 10	< 10	4,170	4,224	
SFCJC	SVE-1	07/18/09	390	6,600	2,500	12,000	< 20	0.051	< 20	1,170	22,660	
SFCJC	SVE-1	03/24/10										NAPL
SFCJC	SVE-1	10/04/11	150	1,600	500	8,700	< 50	0.43	< 50	220	11,170	
SFCJC	SVE-1	01/05/12	< 10	130	330	3,400	< 10	0.037	< 10	870	4,740	
SFCJC	SVE-1	04/10/12	< 10	28	150	2,400	< 10	< 0.010	< 10	1,090	3,678	
SFCJC	SVE-1	07/19/12	< 10	15	160	1,800	< 10	< 0.010	< 10	720	2,705	
SFCJC	SVE-1	10/10/12	< 10	< 10	90	930	< 10	< 0.010	< 10	530	1,570	
SFCJC	SVE-1	11/20/12	< 10	13	92	910	< 10	< 10	10	510	1,535	
SFCJC	SVE-1	12/28/12	< 10	< 10	13	440	< 10	< 10	< 10	62	535	
SFCJC	SVE-1	01/09/13	< 10	< 10	< 10	120	< 10	< 0.010	< 10	21	171	
SFCJC	SVE-1	02/16/13	< 10	< 10	< 10	290	< 10	< 10	< 10	46	366	
SFCJC	SVE-1	04/03/13	< 5.0	< 5.0	< 5.0	22	< 5.0	< 0.010	< 5.0	< 50	87	
SFCJC	SVE-1	05/13/13	< 2.0	< 2.0	< 2.0	12	< 2.0	< 2.0	< 2.0	< 20	38	
SFCJC	SVE-1	06/26/13	< 2.0	< 2.0	< 2.0	66	< 2.0	< 0.010	< 2.0	7.6	80	
SFCJC	SVE-1	07/20/13	< 1.0	< 1.0	< 1.0	16	< 1.0	< 2.0	< 1.0	2.7	22	
SFCJC	SVE-1	09/19/13	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 20	29	
SFCJC	SVE-1	11/07/13	< 2.0	< 2.0	< 2.0	16	< 2.0	< 2.0	< 2.0	< 20	42	
SFCJC	SVE-1	12/17/13	< 10	< 10	< 10	360	< 10	< 0.010	< 10	89	479	
SFCJC	SVE-1	01/21/14	< 2.0	3.1	2.9	200	< 2.0	< 0.010	< 2.0	133	341	
SFCJC	SVE-1	02/12/14	< 10	< 10	< 10	170	< 10	< 0.010	< 10	82	282	
SFCJC	SVE-1	04/08/14	< 2.0	< 2.0	< 2.0	31	< 2.0	< 0.010	< 2.0	< 20	57	
SFCJC	SVE-1	07/18/14	< 2.0	< 2.0	< 2.0	93	< 2.0	< 0.010	< 2.0	109	208	
SFCJC	SVE-1	09/26/14	< 10	< 10	< 10	47	< 10	< 0.010	< 10	234	311	
SFCJC	SVE-1	10/27/15	2.0	2.6	1.3	6.3	< 1.0	< 1.0	< 1.0	20	33	
SFCJC	SVE-1	04/04/16	1.5	< 1.0	4.1	5.2	< 1.0	< 1.0	< 1.0	23	35	
SFCJC	SVE-1	12/14/16	1.1	< 1.0	< 1.0	3.7	< 1.0	< 0.010	< 1.0	9.6	16	
SFCJC	SVE-1	08/14/17	< 1.0	< 1.0	2.4	27	< 1.0	< 0.0093	< 1.0	42	73	
SFCJC	SVE-1	02/21/18	< 1.0	< 1.0	< 1.0	8.3	< 1.0	< 0.010	< 1.0	12	23	
SFCJC	SVE-1	08/09/18	< 1.0	< 1.0	1.4	20	< 1.0	< 0.0095	< 1.0	43	66	
SFCJC	SVE-1	02/22/19	< 2.0	< 2.0	< 2.0	15	< 2.0	< 0.0094	< 2.0	55	76	
SFCJC	SVE-1	09/23/19	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 8.0	17	
SFCJC	SVE-1	08/01/22	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	13	22	
SFCJC	SVE-1	11/17/22	< 1.0	< 1.0	< 1.0	1.6	< 1.0	< 1.0	< 1.0	11	15	
SFCJC	SVE-1	04/05/23	< 1.0	< 1.0	0.4	3.8	< 1.0	< 1.0	< 1.0	19	25	
SFCJC	SVE-11D	12/06/10	4,300	1,800	830	1,200	36	0.028	150	262	8,392	
SFCJC	SVE-11D	03/11/11	3,100	68	150	130	97	< 0.010	250	110	3,558	
SFCJC	SVE-11D	06/15/11	3,500	230	190	280	< 10	0.058	280	130	4,330	
SFCJC	SVE-11D	10/04/11	2,400	100	45	600	< 10	0.28	160	433	3,578	
SFCJC	SVE-11D	01/05/12	1,100	110	29	660	29	0.61	72	650	2,549	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SVE-11D	04/11/12	3,900	13	110	55	110	0.025	240	< 100	4,178	
SFCJC	SVE-11D	07/18/12	17	< 1.0	< 1.0	< 1.5	1.3	0.017	2.9	< 10	31	
SFCJC	SVE-11D	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-11D	11/20/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 15	20	
SFCJC	SVE-11D	12/28/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SVE-11D	01/10/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-11D	04/03/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-11D	12/15/16	< 1.0	< 1.0	4.1	3.8	< 1.0	< 0.010	< 1.0	32	42	
SFCJC	SVE-11D	02/21/18	< 1.0	< 1.0	< 1.0	6.1	< 1.0	< 0.0095	< 1.0	201	210	
SFCJC	SVE-11D	09/23/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
SFCJC	SVE-11D	08/01/22	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 4.0	8.5	
SFCJC	SVE-11D	11/16/22	< 1.0	< 1.0	1.1	2.2	< 1.0	< 1.0	< 1.0	27	33	
SFCJC	SVE-11D	04/05/23	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	J 4.6	9.1	
SFCJC	SVE-2	03/26/10	470	250	34	170	< 1.0	0.25	1.6	22	946	
SFCJC	SVE-2	01/05/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-2	04/11/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-2	07/19/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	5.6	10	
SFCJC	SVE-2	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	19	24	
SFCJC	SVE-2	01/09/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.038	< 1.0	24	29	
SFCJC	SVE-2	04/03/13	3.4	< 1.0	< 1.0	< 1.5	< 1.0	< 0.087	< 1.0	34	41	
SFCJC	SVE-2	06/26/13	8.9	< 2.0	< 2.0	< 3.0	< 2.0	0.13	< 2.0	9.2	25	
SFCJC	SVE-2	09/19/13	11	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	9.0	27	
SFCJC	SVE-2	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.27	< 1.0	< 10	15	
SFCJC	SVE-2	01/21/14	1.6	< 1.0	< 1.0	< 1.5	< 1.0	0.25	< 1.0	4.4	9.5	
SFCJC	SVE-2	02/12/14	6.4	1.2	< 1.0	< 1.5	< 1.0	0.88	< 1.0	32	42	
SFCJC	SVE-2	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	0.028	< 1.0	< 10	15	
SFCJC	SVE-2	07/18/14	10	< 2.0	< 2.0	13	< 2.0	0.82	< 2.0	28	55	
SFCJC	SVE-2	09/25/14	6.9	< 1.0	< 1.0	5.7	< 1.0	0.50	< 1.0	45	60	
SFCJC	SVE-2	10/27/15	3.7	17	3.3	68	< 1.0	< 1.0	< 1.0	178	270	
SFCJC	SVE-2	04/04/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 1.0	< 1.0	< 10	15	
SFCJC	SVE-2	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	SVE-2	08/14/17	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0093	< 1.0	< 10	15	
SFCJC	SVE-2	02/21/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0096	< 1.0	< 10	15	
SFCJC	SVE-2	08/08/18	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	SVE-2	02/22/19	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.0094	< 1.0	< 10	15	
SFCJC	SVE-3	03/24/10										NAPL
SFCJC	SVE-3	10/04/11	650	21,000	9,900	63,000	< 200	14	< 200	6,500	101,050	
SFCJC	SVE-3	01/05/12	600	12,000	4,100	24,000	< 200	9.2	< 200	4,220	44,920	
SFCJC	SVE-3	04/11/12	350	9,300	2,900	19,000	< 200	4.1	< 200	1,500	33,050	
SFCJC	SVE-3	07/19/12	1,000	19,000	3,200	20,000	< 100	4.3	< 100	1,640	44,840	
SFCJC	SVE-3	10/11/12	960	19,000	3,800	27,000	< 100	1 #N/A	< 100	2,750	53,510	
SFCJC	SVE-3	11/21/12	880	12,000	3,200	22,000	< 100	< 100	< 100	1,300	39,380	
SFCJC	SVE-3	12/28/12	590	14,000	2,900	20,000	< 50	< 50	< 50	1,150	38,640	
SFCJC	SVE-3	01/10/13	290	7,100	1,700	11,000	< 50	2.6	< 50	1,200	21,290	
SFCJC	SVE-3	02/16/13	320	8,100	1,700	12,000	< 50	< 50	< 50	1,840	23,960	
SFCJC	SVE-3	04/03/13	390	10,000	2,300	14,000	< 50	2.4	< 50	1,020	27,710	
SFCJC	SVE-3	05/13/13	210	7,300	2,000	13,000	< 50	< 50	< 50	770	23,280	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

		NMAC 20.6.2.3103	5	1000	700	620	100	0.05	5	30		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SVE-3	06/26/13	340	9,900	2,400	16,000	< 50	2.8	< 50	960	29,600	
SFCJC	SVE-3	07/20/13	300	10,000	2,600	20,000	< 50	< 50	< 50	3,020	35,920	
SFCJC	SVE-3	09/19/13	190	6,000	1,500	10,000	< 50	< 50	< 50	810	18,500	
SFCJC	SVE-3	10/11/13	60	2,000	700	6,100	< 50	< 50	< 50	1,050	9,910	
SFCJC	SVE-3	11/07/13	250	6,500	1,500	12,000	< 50	< 50	< 50	1,720	21,970	
SFCJC	SVE-3	12/17/13	100	3,100	1,100	9,900	< 50	2.1	< 50	1,640	15,840	
SFCJC	SVE-3	01/21/14	130	4,700	1,400	11,000	< 10	2.0	< 10	1,350	18,580	
SFCJC	SVE-3	02/12/14	120	5,900	1,800	13,000	< 50	2.1	< 50	1,550	22,370	
SFCJC	SVE-3	04/08/14	140	5,000	1,400	10,000	< 50	1.5	< 50	660	17,200	
SFCJC	SVE-3	07/18/14	120	3,500	1,100	8,800	< 50	1.9	< 50	1,090	14,610	
SFCJC	SVE-3	09/26/14	110	3,600	1,100	9,300	< 50	1.9	< 50	1,740	15,850	
SFCJC	SVE-3	10/27/15	< 1.0	< 1.0	< 1.0	9.5	< 1.0	< 1.0	< 1.0	57	70	
SFCJC	SVE-3	04/04/16	14	77	190	3,000	< 1.0	< 1.0	< 1.0	1,110	4,391	
SFCJC	SVE-3	12/15/16	7.1	24	54	1,200	< 10	0.017	< 10	1,040	2,325	
SFCJC	SVE-3	08/15/17	35	100	150	1,300	< 5.0	0.076	< 5.0	980	2,565	
SFCJC	SVE-3	02/21/18	30	110	240	2,200	< 5.0	0.047	< 5.0	720	3,300	
SFCJC	SVE-3	08/10/18	12	40	120	1,100	< 5.0	0.015	< 5.0	640	1,912	
SFCJC	SVE-3	02/22/19	5.8	35	110	620	< 10	< 0.0094	< 10	840	1,611	
SFCJC	SVE-3	09/25/19	20	81	200	1,500	< 10	< 10	< 10	730	2,531	
SFCJC	SVE-3	08/01/22	48	87	420	1,100	< 10	< 10	< 10	750	2,405	
SFCJC	SVE-3	11/16/22	53	180	580	2,600	< 10	< 10	< 10	607	4,020	
SFCJC	SVE-3	04/05/23	< 10	10	78	340	< 10	< 10	< 10	810	1,248	
SFCJC	SVE-5	03/24/10										NAPL
SFCJC	SVE-5	10/05/11	110	1,900	1,400	8,400	< 100	< 0.010	100	380	12,190	
SFCJC	SVE-5	01/04/12	570	180	190	1,300	57	< 0.010	290	570	2,810	
SFCJC	SVE-5	04/11/12	200	64	49	250	41	< 0.010	200	190	753	
SFCJC	SVE-5	07/18/12	36	15	< 5.0	49	48	< 0.010	190	14	119	
SFCJC	SVE-5	10/10/12	17	9.6	8.2	26	33	< 0.010	140	< 50	111	
SFCJC	SVE-5	01/09/13	11	12	10	39	23	< 0.010	92	25	97	
SFCJC	SVE-5	04/03/13	14	22	23	86	24	< 0.010	85	46	191	
SFCJC	SVE-5	06/26/13	9.5	9.4	11	35	20	< 0.010	77	24	89	
SFCJC	SVE-5	07/18/13	< 2.0	< 2.0	< 2.0	29	< 2.0	0.025	< 2.0	< 20	55	
SFCJC	SVE-5	09/19/13	7.8	2.2	9.0	25	22	< 2.0	85	45	89	
SFCJC	SVE-5	12/17/13	< 1.0	< 1.0	< 1.0	< 1.5	3.2	< 0.010	7.9	< 10	15	
SFCJC	SVE-5	01/21/14	< 2.0	< 2.0	< 2.0	6.7	< 2.0	0.051	3.6	< 20	33	
SFCJC	SVE-5	02/12/14	< 1.0	< 1.0	< 1.0	39	< 1.0	0.073	3.1	3.5	46	
SFCJC	SVE-5	04/08/14	< 1.0	< 1.0	< 1.0	5.3	< 1.0	0.011	< 1.0	< 10	18	
SFCJC	SVE-5	12/14/16	1.0	1.2	23	260	< 1.0	< 0.010	< 1.0	1,230	1,515	
SFCJC	SVE-5	02/21/18	< 1.0	< 1.0	12	120	< 1.0	< 0.0094	< 1.0	384	518	
SFCJC	SVE-6	02/16/13	< 10	< 10	21	210	< 10	< 10	28	1,190	1,441	
SFCJC	SVE-6	05/13/13	< 10	< 10	25	81	< 10	< 10	32	660	786	
SFCJC	SVE-6	07/20/13	< 10	< 10	< 10	44	< 10	< 10	36	46	120	
SFCJC	SVE-6	11/07/13	< 1.0	< 1.0	2.2	17	2.9	< 1.0	27	49	70	
SFCJC	SVE-6	07/15/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.8	< 10	15	
SFCJC	SVE-6	12/16/16	< 1.0	1.3	30	17	< 1.0	< 0.010	< 1.0	420	469	
SFCJC	SVE-6	02/21/18	< 2.0	< 2.0	92	19	< 2.0	0.016	< 2.0	400	515	
SFCJC	SVE-7	02/16/13	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 20	29	

TABLE 4. VOLATILE ORGANIC COMPOUNDS IN THE GROUNDWATER
SANTA FE COUNTY JUDICIAL COMPLEX, SANTA FE, NEW MEXICO

	NMAC 20.6.2.3103		*5*	*1000*	*700*	*620*	*100*	*0.05*	*5*	*30*		
Plume	Well	Date	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	EDB	EDC	Total Naphthalenes	BTEXN	Note
SFCJC	SVE-7	12/16/16	< 1.0	< 1.0	3.7	< 1.5	< 1.0	< 0.010	< 1.0	**190**	197	
SFCJC	TMW-06	07/18/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	01/09/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 2.0	7.0	
SFCJC	TMW-06	04/03/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	01/21/14	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	07/16/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	
SFCJC	TMW-06D	07/17/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	**5.4**	< 10.0	15	
SFCJC	TMW-06D	10/10/12	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	**6.4**	< 10	15	
SFCJC	TMW-06D	01/08/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	**7.0**	< 2.0	7.0	
SFCJC	TMW-06D	04/03/13	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	**6.6**	< 10	15	
SFCJC	TMW-06D	01/21/14	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.010	**6.9**	< 10.0	15	
SFCJC	TMW-06D	04/08/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	**6.0**	< 10	15	
SFCJC	TMW-06D	07/16/14	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	**6.4**	< 10	15	
SFCJC	TMW-06D	04/06/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	1.2	< 10	15	
SFCJC	TMW-06D	12/14/16	< 1.0	< 1.0	< 1.0	< 1.5	< 1.0	< 0.010	< 1.0	< 10	15	

Notes:

All concentrations reported in micrograms per liter (µg/L).

Bold Red *values indicates concentration that exceeds the New Mexico Water Quality Control Commission (NMWQCC) standard for groundwater*

BTEX, MTBE, EDC analyzed in accordance with EPA method 8260B.

EDB = 1,2-Dibromoethane

EDB analyzed in accordance with EPA method 8260 or 504.1.

EDC = 1,2-Dichloroethane

J = estimated concentation between the method detection limit and reported limit

MTBE = Methyl tertiary-butyl ether

NAPL = Nonaqueous-phase liquid

Total naphthalenes analyzed in accordance with EPA methos 8260B or 8310.