Final As-Built Report
For the Excavation of Contaminated Soil
Former Aerex Refinery East Parcel
West Blanco Boulevard and North 5th Street
Bloomfield, New Mexico

Work Order No: EAEN08-ROS-04
Contract # 24-667-2030-27723

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June 27, 2026

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1. INTRODUCTION

EA Engineering, Science, and Technology, Inc., PBC (EA) has prepared this As-Built Report (As-Built) for the excavation and off-site disposal of soil impacted by petroleum hydrocarbons at the Former Aerex Refinery East Parcel (the Site), located at 736 North 5th Street on the southeastern corner of West Blanco Boulevard and North 5th Street in Bloomfield, San Juan County, New Mexico (*Figure 1*). It is 5.65 acres, recorded as Parcel 2063170407483, Account No. R0061021. The removal action (RA) was performed in accordance with the Remedial Action Plan (RAP) (*EA, 2026*). The As-Built was prepared under the State of New Mexico New Mexico Environment Department (NMED) professional services contract # 24-664-2030-27723.

The RA was performed to restore soil and groundwater impacted by the activities of the Former Aerex Refiner within the northern portion of the East Parcel to the contaminant levels that allow unrestricted recreational use, including bike parking, walking and running trails, splash pads, landscaped areas, and playgrounds, thereby enhancing the area for residents and visitors. The RA was performed in accordance with New Mexico Administrative Code (NMAC) 20.6.2, Groundwater and Surface Water Protection, NMAC 19.15.29, Oil and Gas Releases, as well as NMAC 19.15.30, Oil and Gas Remediation.

1.1 CLEAN-UP OVERSIGHT RESPONSIBILITY

The City of Bloomfield (City) owns the Site as of 2021. The NMED Ground Water Quality Bureau (GWQB) is the regulatory body overseeing the clean-up. EA represents NMED GWQB and provides environmental, geological, and engineering services.

1.2 CLEAN-UP STANDARDS FOR THE CONTAMINANTS OF CONCERN

The NMED Risk Assessment Guidance for Site Investigations and Remediation outlines Soil Screening Levels (SSLs) for residential, industrial/occupational, and construction worker exposure scenarios, as well as soil leaching to groundwater and groundwater pathways. Groundwater clean-up standards are promulgated in New Mexico Administrative Code (NMAC) 20.6.2.3103, “Standards for Ground Water of 10,000 mg/L TDS or less,” developed by the New Mexico Water Quality Control Commission (NMWQCC).

The EPA’s Maximum Contaminant Levels (MCLs) and Regional Screening Levels (RSLs) were also used as screening and supporting criteria; however, NMED SSLs and NMAC 20.6.2.3103 serve as the clean-up goals for this site.

1.3 FUTURE SITE USE

Future site use will be recreational with unlimited reuse, including subsurface structures such as irrigation systems, restrooms, pavilion utilities, and foundations.

1.4 BASIS OF DESIGN AND TARGET CONTAMINANTS

The 2025 Additional Phase II Environmental Site Assessment (EA, 2025) served as the basis of the RA. Total Petroleum Hydrocarbons Diesel Range Organics (TPH-DRO) were the most

prevalent contaminants of concern (COCs) that exceeded the NMED Residential RSL limit of 250 milligrams per kilogram (mg/kg) in 19 of 36 soil samples. The extent of TPH-DRO in soil within the northern portion of the Eastern Parcel encompasses other Volatile Organic Compound (VOC) exceedances in soil and groundwater; therefore, it was used to define the excavation extent for the RA. Work was performed in accordance with the Remedial Action Plan (RAP) and associated plans, specifications, and appendices. Field screening was used to refine the extent of the excavated soil.

2. SITE BACKGROUND

2.1 SETTING

The East Parcel is located at 736 North 5th Street, on the southeastern corner of West Blanco Boulevard and North 5th Street, in Bloomfield, San Juan County, New Mexico (Figure 1). It is 5.65 acres and is recorded as Parcel 2063170407483, Account No. R0061021. The City of Bloomfield owns the property. The Site was historically part of the Former Aerex Refinery, which operated from approximately 1932 to the late 1960s and was dismantled in the late 1980s. Crude oil was refined from wells located in the Bloomfield area using fractional distillation to produce gasoline, kerosene, and other petroleum products.

The Site is currently vacant and has no structures. Two existing monitoring wells (MW-1 and MW-2) are located on the property, MW-3KR was removed during the excavation, and seven new monitoring wells were installed within and near the excavated area after the RA was completed. Residential neighborhoods and green space to the north, southwest, and northeast surround the site, and the San Juan River is approximately 1.3 miles south. The site is located on the U.S. Geological Survey's Bloomfield and Horn Canyon 7.5-minute topographic quadrangles, at a general elevation of 5,500 feet above mean sea level (AMSL).

2.2 HYDROGEOLOGY

The site's stratified sequence consists of continental deposits dating back to the Cenozoic era, specifically the Tertiary period and the Paleocene epoch. Within the excavation area, silty and clayey sands, clay, and sand comprise the soil in the vadose and impacted saturated zones to a depth of 20 feet below ground surface (bgs). *Figure 2* shows the geologic cross-section with the 2025 ESA pre-RA petroleum contaminant distribution. Within the excavation, the majority of the contaminated soil was removed and replaced with clean imported fill and overburden.

The water in the excavation area is located at approximately 11-12 feet below ground surface (bgs). The water level has fluctuated by up to 2 feet since the release. During the 2025 ESA investigation, the groundwater flow direction was to the southwest.

3. PREVIOUS INVESTIGATIONS

3.1 2006 PHASE I SUBSURFACE ASSESSMENT – EAST PARCEL

In 2006, Kleinfelder performed a Phase I Subsurface Assessment, which included a file review, soil and groundwater collection and analysis, installation of groundwater monitoring wells, and completion of a Conceptual Remedial Plan, as detailed below.

NMED Superfund Bureau investigated this Site in 1989 and 1990 and installed three wells, MW-1, MW-2, and MW-3, between 12 and 25 feet below the ground surface (bgs).

- Hydrocarbon-stained soil was observed in well MW-2, and heavy crude oil-stained soil, a hydrocarbon sheen, and hydrocarbon odors were noted in the boring for well MW-3. Benzene (0.185 milligrams per kilogram [mg/kg]), toluene (0.345 mg/kg), ethylbenzene (0.650 mg/kg), and total xylenes (0.685 mg/kg) were detected in soil collected from the boring converted to well MW-3 at a depth of 13-15 feet bgs; these were the only hydrocarbon detections noted for soil.

  Groundwater collected from well MW-3 contained benzene (15.3 micrograms per liter [µg/L]) and total naphthalenes (25 µg/L).

- Light non-aqueous phase liquid (LNAPL) was not observed, although a light LNAPL sheen was found in well MW-1.

- The groundwater level around 1990 was approximately 6 feet bgs.

- Soil and groundwater sample results indicated no Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) eligible wastes, and no further action was planned through CERCLA. An estimated 70,000 cubic feet or 2,590 cubic yards (CY) of potentially contaminated soil was identified, and the site was referred to the State of New Mexico, which placed it under the regulatory authority of the New Mexico Oil Conservation Division (Kleinfelder, 2006).

- Depth to water was approximately 9 to 11 feet bgs in the newly installed well (MW-3K, installed to replace well MW-3), and the groundwater flow direction was to the south-southwest at a gradient of 0.0136.

- LNAPL was observed during the development of well MW-3K, but was not observed in the other two wells. The total naphthalene concentration in well MW-3K was 180 µg/L, exceeding the NMWQCC standard of 30 µg/L. Contaminant concentrations in other wells were below the NMWQCC standards.

- Approximately 70 soil borings were installed in a grid pattern across the site, with depths ranging from 0 to 2 feet bgs to 18 to 20 feet bgs. The estimated volume of actionable soil with TPH concentrations above 100 mg/kg or a heated headspace above 100 parts per million by volume (ppmv) was 7,600 CY, located in four separate areas extending up to 7.5 feet into the saturated zone.

- Based on the results of the Phase I Subsurface Assessment, Kleinfelder recommended a geophysical survey to identify historical, refinery-related piping, soil excavation, removal, in-situ chemical reagent application to "remediate residual amounts of remaining impact in the soil and groundwater," and "injection of a chemical reagent into the subsurface in areas of impact significantly below the water table" (*Kleinfelder 2006*). Historical information indicates that soil excavation or in-situ chemical reagent application was not performed (*Richards 2021*).

3.2 2019 PHASE I ESA – EAST PARCEL

Weston performed a Phase I Environmental Site Assessment (ESA) in 2019 (*Weston 2019b*). The Phase I indicated that from 1932 to 1960, Aerex Refinery was located on the East Parcel; soil and groundwater were impacted by petroleum products, referencing the 2006 Phase I Subsurface Assessment conducted by Kleinfelder; the subsurface features associated with the refinery were unknown; no evidence of remediation was found; and petroleum products impacted soil and groundwater.

3.3 2021 PHASE I ESA

EA performed a second Phase I ESA in October 2021. Site reconnaissance and review of historical reports and standard state and federal environmental databases indicated that a recognized environmental condition (REC) exists at the site due to petroleum products in groundwater exceeding applicable state regulatory standards and "actionable" soil contamination in the East Parcel (*EA, 2021a*). No other RECs were identified during the site reconnaissance, interviews, local government inquiries, review of prior environmental reports, and review of federal and state environmental databases provided by Environmental Data Resources, Inc.

3.4 2021 PHASE II ESA

In 2021, EA performed a Phase II ESA (*EA, 2021b*) that included the following scope:

- Collected 24 soil samples (including quality assurance/quality control [QA/QC] samples) from existing soil stockpiles in the East and West Parcels.
- Conducted a ground-penetrating radar (GPR) survey on the West Parcel.
- Conducted a passive soil gas (PSG) survey on the West Parcel, including the deployment and retrieval of 59 PSG samplers.
- Advanced 19 soil borings (9 in the East Parcel and 10 in the West Parcel) and collected a total of 41 soil samples (including QA/QC samples).
- Collected grab groundwater samples from each of the 9 soil borings advanced in the East Parcel, and a groundwater sample from the existing East Parcel monitoring well MW-1.
- Collected grab groundwater samples from 8 of the 10 soil borings advanced in the West Parcel, and groundwater samples from existing West Parcel monitoring wells MW-5, MW-6, and MW-7.

- Collected a total of 7 active soil gas (ASG) samples (3 from the East Parcel and 3 from the West Parcel, plus one QA/QC sample).
- Collected an investigation-derived waste (IDW) sample from the soil cuttings generated during the installation of the soil borings on the East and West Parcels.
- Provided assistance for the City of Bloomfield's excavation of sub-surface anomalies identified during the GPR survey.

3.4.1 Results of Soil Sampling in the East and West Parcels

The 2021 ESA soil analytical results are presented below. The exceedances are summarized in *Table 1*.

- Concentrations of contaminants in the stockpile soil samples collected from the East and West Parcels were below the NMED SSLs.
- The GPR survey detected metal parts that were later uncovered in trenches and potholes excavated near the anomalies.
- The PSG survey in the West Parcel detected toluene, ethylbenzene, isopropylbenzene, trimethylbenzenes, xylenes, and TPH.
- Contaminant concentrations in the ASG samples collected from the East and West Parcels were below the New Mexico vapor intrusion screening levels (VISLs).
- Concentrations of contaminants in soil samples collected from soil borings in the East Parcel were below the NMED SSLs, except for sample ESB01-8.0, which had a TPH-DRO concentration of 11,000 mg/kg and motor oil range organics (MRO) concentration of 6,170 mg/kg. Both concentrations exceeded the Residential and Construction Worker SSLs. In addition, a manganese concentration of 480 mg/kg exceeded the Construction Worker SSL. In this area, the construction worker pathway is complete. Sample ESB01-8.0 exceeded the Soil Leaching Soil Screening Level with a dilution attenuation factor of 20 (SL-SSL DAF 20) for benzene and total naphthalene.
- Concentrations of iron and cobalt in several soil samples exceeded the SL-SSL DAF 20; however, dissolved cobalt was not detected in the groundwater. Although dissolved iron was detected in the groundwater, it is typical of the reducing conditions that exist at sites with petroleum hydrocarbon contamination.
- Concentrations of contaminants in soil samples collected from borings installed in the West Parcel were below the NMED SSLs. Concentrations of several VOC compounds in soil samples WSB05-24.0 (24-foot interval) and WSB09-26.0 (26-foot interval) exceeded the SL-SSL DAF 20; however, these compounds were not detected in any groundwater samples collected in the West Parcel. Concentrations of cobalt and iron in several soil samples collected in the West Parcel exceeded the SL-SSL DAF 20; however, dissolved cobalt was not detected above the NMWQCC standards in the groundwater, and although dissolved iron was detected in the groundwater, it is typical of the reducing conditions that

exist at sites with petroleum hydrocarbon contamination and appears to have migrated onto the West Parcel from the Former Bloomfield Crude Station site.

3.4.2 Groundwater Sampling Results in the East Parcel

The 2021 ESA groundwater analytical results are discussed below. The exceedances are summarized in *Table 2*.

- VOC and Polycyclic aromatic hydrocarbon (PAH) concentrations in groundwater samples collected from East Parcel monitoring wells and soil borings installed in the East Parcel were below the NMWQCC standards, except for a benzene concentration of 12 µg/L and a total naphthalene concentration of 162 µg/L in the groundwater sample collected from boring ESB01.

- Aluminum, arsenic, beryllium, chromium, iron, and manganese exceeded the project screening levels in the monitoring wells and soil borings.

3.4.3 Groundwater Sampling Results in the West Parcel

- VOC concentrations in the groundwater samples collected from the West Parcel monitoring wells and soil borings installed in the West Parcel were below the NMWQCC standards.

- PAH concentrations in the groundwater samples collected from the West Parcel monitoring wells and soil borings installed in the West Parcel were below the NMWQCC standards.

- Dissolved manganese concentrations ranging from 3,600 mg/L in sample MW-7 to 14,000 mg/L in sample MW-6 exceeded the NMWQCC standard in the three wells in the West Parcel.

- A dissolved arsenic concentration of 38 mg/L exceeded the NMWQCC standard in sample MW-6.

- Dissolved iron concentrations of 8,300 mg/L in sample MW-6 and 1,100 mg/L in sample MW-7 exceeded the NMWQCC standard.

3.4.4 Summary of Findings

- The East Parcel residential, industrial/occupational, and construction worker pathways are complete. The release of petroleum hydrocarbons has impacted the groundwater, necessitating an evaluation of clean-up alternatives for the East Parcel.

- The West Parcel's residential, industrial/occupational, and construction worker pathways are incomplete. The soil leaching to the groundwater pathway is potentially complete for Target Analyte List (TAL) metals. The VOC compounds in soil samples exceeded the SL-SSL DAF 20; however, VOCs were absent in the groundwater samples. Since any release(s) are considered old, soil leaching to the groundwater pathway is incomplete, as observed directly. Groundwater contamination at the Bloomfield Crude Station site is the

result of a release and is considered trespasser contamination. Further assessment or clean-up of the West Parcel is not required.

3.5 2024 ANALYSIS OF BROWNFIELDS CLEAN-UP ALTERNATIVES

The 2021 Phase II ESA determined that the West Parcel did not require clean-up.

For the East Parcel, three alternatives to address soil and groundwater contamination were evaluated in the 2024 Analysis of Brownfields Clean-up Alternatives (ABCA):

- Alternative #1: No Action
- Alternative #2: Excavate Vadose Zone Impacted Soil, Long-Term Groundwater Monitoring, and Institutional Controls
- Alternative #3: Excavate Vadose Zone and Saturated Impacted Soil, Long-Term Groundwater Monitoring, and Institutional Controls

It was determined that Alternative #1 would not reduce the affected media's risk, toxicity, mobility, or volume; Alternative #2 would eliminate shallow soil pathways but did not mitigate contamination in the groundwater, and Alternative #3 would eliminate shallow soil pathways and provide source removal in and above the aquifer to facilitate aquifer restoration. Based on the analysis, Alternative #3 was recommended in the ABCA. This alternative would allow the property to be used for recreation with unlimited use, including subsurface structures such as irrigation systems, restrooms, pavilion utilities, and foundations.

3.6 2025 ADDITIONAL PHASE II ESA

In February 2025, EA performed an additional Phase II ESA (*EA, 2025*) in the East Parcel that included the following scope:

- Advanced 18 soil borings in the northern portion of the East Parcel using Direct Push (DP) drilling technology. Field screening was performed at approximately one-foot intervals with a photoionization detector (PID) during drilling.
- Collected 36 soil samples from 16 of the 18 borings for laboratory analysis. The samples were analyzed for the full range of TPHs using EPA Method 8015D and PAHs by EPA Method 8270C SIM.
- Installed 16 temporary wells in the open soil borings, collected 36 groundwater grab samples from the 16 temporary wells, and analyzed them for VOCs by EPA Method 8260B and for iron and manganese by EPA Method 6010B. Eighteen (18) of the samples were filtered in the field, and 18 of the samples were unfiltered.
- Collected groundwater samples from three temporary wells and analyzed them for QuantArray-Petro® microbial analysis.

- Collected two groundwater samples (unfiltered and filtered) from existing well MW-3KR and analyzed them for VOCs by EPA Method 8260B and for iron and manganese by EPA Method 6010B.

- Plugged the soil borings installed during the investigation.

- Collected a composite waste characterization sample from the IDW soil cuttings generated during installation of the soil borings. The sample was analyzed for VOCs using EPA Method 8260B, for TPH (full range) using EPA Method 8015D, and for total lead using EPA Method 6010C.

3.6.1 TPH and PAH Soil Analytical Results

The 2025 ESA soil analytical results are discussed below. The exceedances are summarized in *Table 3*.

- TPH-Gasoline Range Organics (GRO) was detected in 21 of 36 samples, including QA/QC samples, ranging from 5.7 mg/kg to 260 mg/kg. Only two of the samples exceeded the TPH-GRO NMED Residential SSL of 100 mg/kg.

- TPH-DRO was detected in 29 of 36 samples, including QA/QC samples, ranging from 14 mg/kg to 16,000 mg/kg. Eighteen (18) of the 36 samples exceeded the NMED Residential Soil SSL of 1,000 mg/kg, and 19 of the 36 samples exceeded the EPA Residential SSL of 250 mg/kg. The results are shown in *Figure 3*.

- TPH-MRO was detected in 22 of 36 samples, including QA/QC samples, ranging from 62 mg/kg to 7,100 mg/kg. Three (3) of the 36 samples exceeded the NMED Residential Soil SSL of 3,000 mg/kg.

- Concentrations of PAHs in soil samples collected from the borings were below the screening levels, except potentially for dibenz(a,h)anthracene. The dibenz(a,h)anthracene laboratory reporting limits (RLs) for 22 of the 36 soil samples exceeded the NMED Residential SSL of 0.153 mg/kg; however, this does not indicate that dibenz(a,h)anthracene concentrations exceeded the SSL.

3.6.2 Groundwater Analytical Results

The 2025 ESA groundwater analytical results are discussed below. The exceedances are summarized in *Table 4*.

- Unfiltered 1,2,4-trimethylbenzene concentrations ranging between 60 µg/L and 120 µg/L in four samples collected from the temporary wells exceeded the EPA Tap Water RSL of 56 µg/L. 1,2,4-trimethylbenzene does not have a regulatory standard in New Mexico.

- The unfiltered total naphthalene concentrations ranged from 42 µg/L to 321 µg/L in seven samples collected from the temporary wells and exceeded the NMWQCC standard of 30 µg/L. The results are shown in *Figure 4*.

- The filtered total naphthalene concentration of 42 µg/L in B120 and of 45 µg/L of 1-Methylnaphthalene in MW-3R exceeded the NMWQCC standard of 30 µg/L.

- Unfiltered total iron and manganese concentrations exceeded the NMWQCC standard of 1.0 mg/L for iron and 0.20 mg/L for manganese. Iron concentrations ranged from 29 to 180 mg/L, and manganese concentrations ranged from 1.7 to 9.4 mg/L.

- Filtered VOC concentrations in monitoring well MW-3K were below the laboratory (RLs). The RLs for 1,1,1,2-tetrachloroethane, 1,2,3-trichloropropane, 1,2-dibromo-3-chloropropane, 1,2-dibromoethane, cis-1,3-dichloropropene, hexachloro-1,3-butadiene, and trans-1,3-dichloropropene exceeded the project screening levels.

- The filtered and unfiltered iron and manganese concentrations in monitoring well MW-3K exceeded the project screening levels.

- The aerobic processes were at sustenance levels; anaerobic BTEX activity was at a low level; anaerobic PAH and alkanes were at moderate levels; and sulfate reduction was at high levels. The highest microbial activity was observed in SBE-12, which also had the highest total recoverable petroleum hydrocarbons (TRPH). Hydrocarbon biodegradation was not observed in SBE-06, which is attributable to the absence of hydrocarbons in the soil boring's groundwater. Moderate microbial activity was observed in SBC-08, with moderate TRPH levels.

- The sustenance levels of aerobic BTEX biodegradation were observed in SBC-08 at 45 cells per milliliter (cells/mL) and SBE-12 at 220 cells/mL, which is attributable to oxygen deficiency. Anaerobic BTEX degradation was low due to lower BTEX content in the dominant DRO and MRO. The anaerobic BTEX activity in SBC-08 was very low at 160 cells/mL and low-moderate in SBE-12 at 3,920 cells/mL. The anaerobic PAH and alkane biodegradation in SBC-08 was very low at 264 cells/mL, whereas in SBE-12 it was moderate at 9,283 cells/mL. Sulfate reduction was very high in SBE-12 at 1,000,000 cells/mL, indicative of highly reducing conditions and the presence of sulfate. Sulfate reducers use sulfate as an electron acceptor while degrading and using petroleum hydrocarbons or organic matter as an electron donor. Sulfate reduction was moderate in SBC-08 at 46,000 cells/mL and low in SBE-06 at 16,000 cells/mL.

4. OBJECTIVES AND REMEDIATION GOALS

4.1 OBJECTIVES

The RA objective was to remove vadose and saturated soil contaminated with TPH and VOCs, thereby eliminating human health hazards from exposure to surface soil, subsurface soil, and groundwater, and allowing unrestricted recreational use.

4.2 REMEDIATION GOALS

The remediation goals were based on NMED SSLs for soil and NMWQCC Human Health Groundwater Standards. EPA RSLs and MCLs were used for screening and as supporting criteria. The standards for compounds that exceeded the soil standards are listed below.

Remediation Goals for Soil

Analyte	EPA Residential RSL	EPA Industrial RSL	NMED Residential SSL (0-10 feet)	NMED Industrial/ Occupational SSL (0-1 foot)	NMED Construction Worker SSL (0-10 feet)	NMED SL-SSL DAF 20
GRO	300	1,700	100	500	500	6,930
DRO	250	1,900	1,000	3,000	3,000	5,720
MRO	No Standard	No Standard	3,000	5,000	5,000	3,460,000
Benzene	1.2	5.1	17.8	87.2	142	0.0418
Naphthalene	2.0	8.6	22.6	108	159	0.0583
1-Methyl naphthalene	18	73	172	813	6,030	0.893
2-Methyl naphthalene	240	3,000	232	3,370	1,000	2.76
Cobalt	23	350	23.4	388	36.7	5.4
Iron	55,000	820,000	54,800	908,000	248,000	6,960
Manganese	1,800	26,000	10,500	160,000	464	2,630

NOTES:
Concentrations are in milligrams per kilogram.
EPA Regional Screening Levels (RSLs) for residential and industrial use scenarios for hazard index = 1.0 for non-carcinogens and a 10E-6 cancer risk level for carcinogens (November 2024).
Residential land use Soil Screening Levels (SSLs) from the NMED Risk Assessment Guidance for Site Investigations and Remediation, Appendix A, Table A-1, NMED SSLs; and Appendix C, Tables C-1 to C6, Tier 1 TRVs and ESLs and Tier 2 TRVs (November 2022).
DAF = Dilution Attenuation Factor
GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics (C6 to C10)
DRO = Total Petroleum Hydrocarbons - Diesel Range Organics (C10 to C28)
GRO = Total Petroleum Hydrocarbons - Oil Range Organics (C28 to C35)
NMED = New Mexico Environment Department
RSL = Regional Screening Level
SSL = Soil Screening Level
EPA = United States Environmental Protection Agency

Remediation Goals for Groundwater

Analyte	EPA MCL	NMWQCC Standard	EPA Tapwater RSL
Benzene	5	5	0.46
Naphthalene	No Standard	30	0.17
1-Methylnaphthalene	No Standard	30	11
2-Methylnaphthalene	No Standard	30	36
Aluminum	No Standard	5,000	20,000
Arsenic	10	10	0.052
Beryllium	4	4	25
Chromium, Total	100	50	13,000
Iron	No Standard	1,000	14,000
Lead	10	15	15
Manganese	No Standard	200	430

NOTES:
Concentrations are in micrograms per liter.
EPA National Primary Drinking Water Regulations, Maximum Contaminant Levels. https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations (May 2024).
New Mexico Administrative Code Title 20.6.2.3103, Standards for Ground Water of 10,000 mg/L total dissolved solids concentration or less (NMAC 2018). The NMWQCC standard applies to dissolved metals.
The NWQCC standard for total naphthalene, which includes naphthalene, 1-Methylnaphthalene, and 2-Methylnaphthalene, is 30 µg/L
The listed EPA Tapwater RSLs are to a Target Hazard Quotient of 1.0.
MCL = Maximum Contaminant Level
NMWQCC = New Mexico Water Quality Control Commission
EPA = United States Environmental Protection Agency

5. APPROACH

1. The RA targeted soil and groundwater impacted by TPH, VOCs, and metals in the northern portion of the Eastern Parcel. The TPH-DRO extent of 250 mg/kg EPA Residential RSL established based on the 2025 ESA was used to define the excavation extent, as it encompassed other TPH and VOC exceedances in soil and groundwater.

2. Any residual contamination within and near the excavation will be addressed through monitored natural attenuation.

3. The contaminated soil was excavated and disposed of off-site, permanently removing the contamination.

4. The excavation cavity was backfilled with clean imported soil and reused overburden.

5. Granular activated carbon (GAC) was mixed into the clean backfill within the saturated zone to mitigate any potential residual contamination in the groundwater and enhance natural biodegradation.

6. Confirmation soil samples were collected from the excavation floor and sidewalls to verify the removal and establish the post-removal contaminant concentrations.

7. Monitoring wells were installed within and around the excavation to verify and monitor groundwater after completion of the RA.

8. Groundwater samples were collected to evaluate contaminant concentrations in and around the excavated area.

6. REMOVAL ACTION

All activities were performed under the direct control and supervision of Vener Mustafin, a New Mexico Professional Engineer (PE) who served as the Engineer-of-Record (EOR) for this project, and in accordance with the RAP, plans and specifications, and applicable regulations. The EOR evaluated and approved all technical deviations and coordinated with Mike McVey, EA's Project Manager (PM), to address the administrative and financial implications. Because the volume of impacted soil exceeded the budget, NMED GWQB approved EA's request to access the contingency allocated for this purpose. Photographs documenting various phases of the RA are provided in *Appendix A*.

6.1 SITE PREPARATION, PLANNING, AND COORDINATION

This section describes preparatory and planning activities. The site layout is shown in *Drawing C-1*.

6.1.1 Subcontractors

Before the RA, EA procured the following subcontractors:

1. Enviroworks LLC, the Remediation Contractor (RC), performed the removal action
2. Geomat, Inc. performed a geotechnical analysis of soil samples and field compaction testing
3. Wayjohn Surveying, Inc. provided surveying services
4. Eurofins performed laboratory soil and groundwater analysis
5. Certerra/Enviro-Drill installed performance assessment monitoring wells

6.1.2 Waste Profile

Before the RA, based on the 2021 ESA and 2025 ESA soil data, EA established a waste disposal profile for the disposal of the contaminated soil at Envirotech's Land Farm #3, DP-955, located at #43 Road 7175, south of Bloomfield, New Mexico. The Land Farm accepted the data and did not require additional waste characterization samples during the RA.

6.1.3 City of Bloomfield Authorization

EA obtained authorization from the City of Bloomfield to be designated to arrange, coordinate, manage, handle, profile, sign manifests, transport, and dispose of contaminated soil excavated at the Site during the removal action (*Appendix B*).

6.1.4 Backfill Material Approval

EA's EOR evaluated and approved the Gravel, Pit-run Gravel and Sand, Screened Sand, and the Topsoil to be used to backfill the excavation.

6.1.5 Notifications

EA notified the City of Bloomfield and NMED GWQB of the RA activities. In addition, EA presented details of the RA at a public meeting at the City of Bloomfield.

6.1.6 Health and Safety Plan

EA prepared a site-specific health and safety plan (HASP) in accordance with Title 29, Code of Federal Regulations (CFR), Parts 1910.120 and 1926 Subpart P. The RA activities were performed under the HASP.

6.1.7 Utilities, Access, Traffic Control Plan

The City of Bloomfield granted access to perform the RA. The RC cleared underground public utilities through NM811 and established traffic control measures around the excavation.

6.1.8 Mobilization

The RC mobilized equipment and personnel and received, unloaded, and staged 20,000 pounds of GAC.

6.1.9 Barricading and Traffic Plan

Before the RA, the RC implemented a traffic control plan (TCP) to accommodate truck traffic and create an exclusion zone.

6.1.10 Kickoff Meeting

On March 23, 2026, EA conducted a kickoff meeting with NMED GWQB, the City of Bloomfield, and the RC, during which it discussed project execution, schedule, and other RA details.

6.1.11 Public Meeting

On April 2, 2026, the City of Bloomfield organized a public meeting for the citizens. NMED GWQB, EA, and RC representatives attended the meeting, presented the RA activities to the public, and answered questions.

6.1.12 Site Security

Before the RA, the RC secured the site with a temporary chain-link fence. Access was restricted to authorized personnel only, and the gates were locked when personnel left the site.

6.1.13 Site Clearing and Debris Removal

The RC cleared vegetation and debris, broke down large concrete and construction debris, stockpiled steel piping, transported it, and disposed of it in a construction landfill.

6.1.14 Excavation Grid

Before excavation, EA and the RC established an excavation grid to guide excavation, track progress, and report progress.

6.1.15 Equipment

The following equipment was used during the RA:

1. Komatsu PC240LC 56,000-pound Tracked Excavator with a 1.5-CY bucket
2. Komatsu WA380 42,000-pound Front End Loader with a 4-CY bucket
3. Takeuchi TL12R2 3,000-pound Tracked Loader
4. Dynapac CA2500PD 25,000-pound Sheepsfoot Drum Compactor
5. 20-CY semi trailers
6. Work trucks

6.1.16 Soil Density Field Testing

Upon delivery, EA evaluated the soil for conformity with the specifications and performed field density testing using five 5-gallon soil samples. The following densities were measured:

1. Pit Run Sand and Gravel: 1.42 ton/CY
2. Gravel: 1.49 ton/CY
3. Screened Sand: 1.39 tons/CY
4. Overburden: 1.30 tons/CY
5. Excavated waste soil: 1.24 tons/CY
6. Topsoil: 0.715 tons/CY

6.1.17 Air Monitoring and Control of Emissions

During excavation, air monitoring was conducted in the workspace and around the perimeter using a PID when contaminated soil was exposed to air. Excavated contaminated soil was removed from the site within 24 hours to minimize emissions and odor.

6.2 EXCAVATION OF OVERBURDEN AND CONTAMINATED SOIL

Overburden and contaminated soil were excavated in accordance with the RAP's construction drawings and specifications, and in accordance with CFR 1926 Subpart P, Excavations. Sloping and backfilling were the primary methods used to stabilize the excavation.

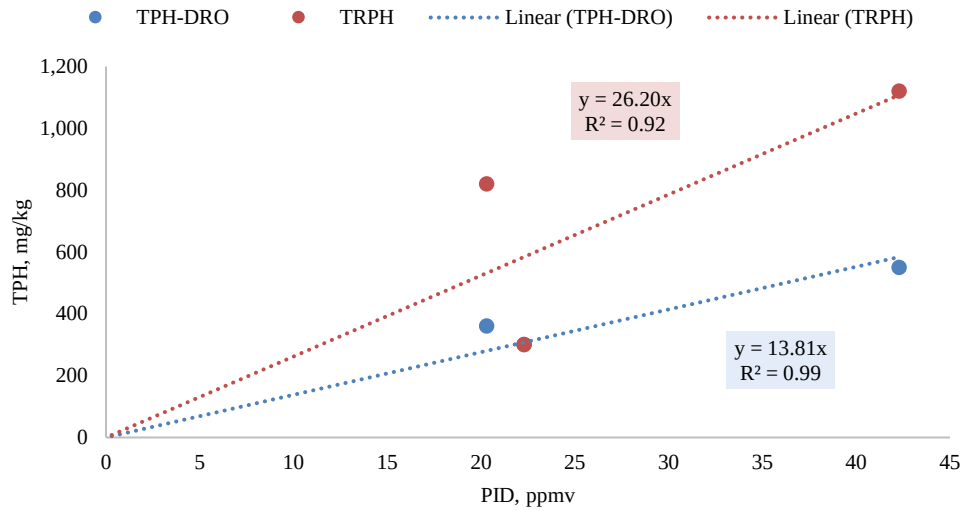
6.2.1 Excavation of Overburden Soil

1. The overburden soil not impacted by the former refinery activities was defined as excavated soil with TPH-DRO concentrations below 250 mg/kg.
2. The screening level for submitting soil samples to the laboratory was 15 parts per million by volume (ppmv).
3. The overburden extended from the surface to 2-7 feet bgs.
4. Excavated clean overburden was stockpiled in 19 stockpiles, each 100 CY in volume, for a total of 190 CY excavated.
5. Four (4) 10-point composite samples were collected from overburden stockpiles with PID readings above 15 ppmv and analyzed for TPH-GRO, TPH-DRO, and TPH-MRO using EPA Method 8015D. The detected results are shown in *Table 5*.

The following were the results of soil screening:

1. PID readings in Stockpile 1 through 12, 14, 16, and 17 were between 0.0 and 3.1 ppmv.
2. PID reading in Stockpile 13 was 17.4 ppmv, and TPH concentrations were below 5 mg/kg.
3. PID readings in Stockpiles 15, 18, and 19 was between 22 and 42 ppmv, with the corresponding TPH-DRO concentrations above the EPA RSL between 300 and 550 mg/kg, which were above the EPA RSL of 250 mg/kg but below the NMED Residential SSL of 1,000 mg/kg, Industrial/Occupational/Construction Worker SSL of 3,000 mg/kg, and Soil-to-Groundwater SSL of 5,720 mg/kg with the dilution attenuation factor (DAF) of 20. These stockpiles were blended with other overburden and used as backfill immediately above the imported clean sand fill within the vadose zone.

PID vs TPH-DRO in Overburden Samples



6.2.2 Excavation of Contaminated Soil

1. Contaminated soil was defined as soil impacted by VOCs, petroleum hydrocarbons, and metals due to activities at the Former Aerex Refinery that exceeded the NMED SSLs or EPA RSLs, and the PID screening criterion of 100 ppmv. TPH-DRO was used as the most abundant surrogate to assess the extent of soil contamination.

2. Contaminated soil extended from between 2 feet bgs in the center of the excavation to 5-7 feet bgs along the periphery of the excavation to a depth of 17 feet bgs. The extent of the contaminated soil is shown in *Drawing C-2.*

3. The contaminated soil consisted of SP, SM, clayey sand (SC), and clay (CL).

4. The soil contamination on the northern wall of the excavation was not fully excavated, as further excavation could have damaged West Blanco Blvd. Some contamination remained immediately south of the road and possibly under it.

5. The saturated zone was transmissive, rapidly filling with water once the excavation extended into it. Some sloughing, mixing of contaminated soil, and residual contamination were unavoidable without full dewatering, which was not scoped or budgeted. Dewatering would have substantially increased the cost of the RA, given the high transmissivity and need to control, treat, and discharge a large volume of contaminated groundwater. The post-RA soil and groundwater sampling results indicated that contaminated soil was substantially removed, and that the residual contamination will attenuate within a reasonable timeframe.

6. Groundwater was encountered at approximately 10-11 feet bgs.

7. The contaminated soil was excavated, drained, stockpiled, loaded, transported, and disposed of off-site at Envirotech's Landfarm #3, DP-955, located at #43 Road 7175, south of Bloomfield, New Mexico.

8. On April 17, 2026, Gandy Corporation, based in Lovington, New Mexico, skimmed the accumulated NAPL and groundwater using a vacuum truck with a 5,500-gallon tank. Approximately 3,000 gallons of water and NAPL were removed and disposed of at the Gandy Marley, Inc. (GMI) facility west of Tatum, New Mexico.

9. A total of 333 18-CY loads of contaminated soil were excavated, corresponding to approximately 6,000 excavated CY, 7,500 tons of soil, or 5,400 bank CY. Waste disposal manifests are provided in *Appendix C.*

10. The bottom of the excavation was approximately 7,000 square feet, and the daylight footprint, including the slopes, was 16,000 square feet. Approximately 1,900 loose CY of overburden was also excavated from the cavity.

11. For a TRPH concentration range of 5,000 – 10,000 mg/kg, the total estimated mass of petroleum hydrocarbon contamination was between 75,000 and 150,000 pounds.

12. The estimated composition, based on elevated TPH concentrations in the confirmation samples, was 60% TPH-DRO and 40% TPH-MRO, with negligible traces of TPH-GRO, mid-to-heavy distilates. Considering the age of the release, stripping and biodegradation of the light fraction, the released hydrocarbon could have been weathered No. 4 or No. 5 Fuel Oil used for industrial heating or boiler fuel, Bunker C or No. 6 Fuel Oil, or a mix of variable crude bottoms, lubricating oils, and process distillates.

6.2.3 Confirmation Sampling

Confirmation samples were collected from the overburden stockpile, excavation side walls, and excavation floor to establish residual concentrations upon reaching target vertical and horizontal extents. Sampling locations are shown in *Drawing C-2*. A summary of the detected results is presented in *Table 5*. Analytical reports are provided in *Appendix D.*

1. Twelve (12) floor and nine (9) excavation wall soil samples were collected and analyzed for TPH-GRO, TPH-DRO, and TPH-MRO by EPA 8015D, VOCs by 8260B, and metals (aluminum, arsenic, beryllium, chromium, cobalt, iron, and manganese previously detected at the site) by EPA 6020B.

2. Due to a variety of weathering and the likely release of products with different compositions, PID concentrations of 17-42 ppmv corresponded to the wide TPH-DRO range of 110 to 3,000 ppmv.

Considering that the floor and wall samples were collected in the saturated or near-saturated zone at depths exceeding 10 feet, direct groundwater concentrations should be assessed rather than screening soil contaminant concentrations, as residential, commercial/industrial, construction worker, and soil-to-groundwater leaching exposure scenarios do not apply. These soil samples were in direct contact with the groundwater. Groundwater sampling indicated that most of the contaminated soil has been removed, and the residual mass is expected to attenuate in a reasonable timeframe.

6.2.4 Material Handling, Hauling, and Disposal

Excavated overburden, contaminated soil, and imported clean soil were stockpiled in separate piles in a designated area within the site boundary at least 20 feet from the excavation. Moving and loading were performed using a front-end loader or excavator in the designated area. Soil was pre-screened with a PID before loading, and the results were recorded and maintained.

Loads were evenly distributed in the truck bed and covered with a tarp. Trucks were inspected by designated RC personnel and accompanied by a signed waste manifest or bills of lading. Hauling was performed using 20-cubic-yard trucks between 7:00 a.m. and 4:30 p.m., following established approved routes.

6.3 BACKFILLING

Approximately 9,100 tons of backfill material was placed and compacted; this corresponds to approximately 6,850 loose CY and 6,100 bank CY. The backfill section is shown in *Drawing C-3*. The backfill material records are provided in *Appendix E*.

6.3.1 Backfill Materials

1. *Pit Run Gravel and Sand*. USCS GP-GM, poorly graded gravel with silt, non-plastic, with 53% gravel, 42% sand, about 5% fines. This material is also classified as AASHTO A-1-a with an excellent bearing rating, negligible compressibility, the likely hydraulic conductivity of 10^{-2} to 10^{-1} centimeters per second (cm/sec), effective porosity of 20-30%, and the longitudinal dispersivity of 0.5-3 feet and transverse dispersivity of 0.05-0.3 feet. This material was used to backfill the saturated excavation. 2,265 tons of Pit Run Gravel and Sand were imported, corresponding to approximately 1,500 bank CY, with a loose density of 1.42 tons per cubic yard (tpcy) and a 6% volume reduction due to compaction within the saturated zone. The attached documentation refers to this material as Road Base.

2. *Gravel*. USCS GP, poorly graded gravel with 1% sand and 1% silt. This material is also classified as AASHTO A-1-a with an excellent bearing rating, negligible compressibility, the likely hydraulic conductivity of 10-1 cm/sec, effective porosity of 23-25%, 1-5 foot longitudinal dispersivity, and 0.1-0.5 foot transverse dispersivity. This material was used to backfill the saturated excavation, blended with 30-40% clean sand fill described below. 820 tons of Gravel were imported, corresponding to approximately 523 bank CY, with a loose density of 1.49 tons per cubic yard (tpcy) and a 5% volume reduction due to compaction within the saturated zone. The attached documentation refers to this material as 1-1/2" Crushed Rock.

3. *Screened Sand*. USCS SW-SM, well-graded sand with trace gravel and minor silt, 84% sand, 7% fine gravel, and 9% fines. This material is classified as AASHTO A-1-b, with good bearing capacity, low compressibility, 10^{-3} to 10^{-2} cm/sec hydraulic conductivity, 25-35% effective porosity, 0.5-3 foot longitudinal dispersivity, and 0.05-3 foot transverse dispersivity. This material was placed as clean backfill into the lower portion of the unsaturated zone. 3,549 tons of Screened Sand were imported, corresponding to approximately 2,250 bank CY, with a loose density of 1.39 tons per cubic yard (tpcy) and a 12% volume reduction due to compaction. The attached documentation refers to this material as #4 Minus Sand -Screened.

4. *Clean Overburden*. Native sandy silt (ML), silty sand (SM), and sand (SP) overburden with PID concentrations below 15 parts per million by volume (ppmv) was reused as backfill. Three piles with PID readings between 22 and 42 ppmv were blended with the other overburden stockpiles because TPH-DRO concentrations in these samples were significantly lower than the NMED SSLs across all scenarios. 1,900 loose CY of overburden were excavated, corresponding to approximately 1,600 bank CY.

5. *Topsoil*. Compost material with 29% organic matter, 15% organic carbon, a C/N ratio of 20, and a bulk density of 39 pounds per square foot was placed in the topdress layer of the excavation to establish native vegetation. 240 cubic yards of Topsoil were imported and distributed over the excavated area. The attached documentation refers to this material as Enriched Topsoil.

6. *Granular Activated Carbon*. 20,000 pounds of regenerated 8 x 30-mesh granular activated carbon were mixed with Pit Run Sand and Gravel and placed into the saturated portion of the excavation.

6.3.2 Backfilling and Compaction

1. The saturated portion of the excavation was backfilled with Pit Run Gravel and Sand, and Gravel blended with Screened Sand, and blended with GAC, to 1-2 feet above the water table.

2. The lower portion of the unsaturated soil was systematically backfilled with imported Screened Sand in one-foot lifts and compacted using a 12-ton vibratory sheepsfoot drum roll compactor, with 8 passes back and forth at 3 miles per hour at a 10% overlap under the supervision of an EA field representative, without density testing. This method was used to a depth of 4 feet below the finished grade. Soil was conditioned using potable water before compaction.

3. Above the 4-feet below the finish grade, Screened Sand and Clean Overburden were systematically backfilled in one-foot lifts and compacted to 95% Standard proctor maximum density, as determined by ASTM D-698, using a 12-ton vibratory sheepsfoot drum roll compactor, with 8 passes back and forth at 3 miles per hour at a 10% overlap under the supervision of an EA field representative, with field density testing using the Nuclear Method as specified in ASTM D2922 by Geomat. Soil was conditioned using potable water before compaction. The proctor curve results are provided in *Appendix F*, and the field density testing is in *Appendix G*.

4. The surface was graded to match the existing topography, which sheds the runoff to the southwest. Wayjohn performed the final topographic survey, which is presented in *Appendix H*.

5. The finish grade was topdressed with Topsoil to provide nutrients for the re-establishment of native vegetation.

6. With NMED GWQB approval, the budget allocated to seeding was used to excavate contaminated soil; therefore, seeding was not performed.

The backfill section is shown in *Drawing C-3*.

6.3.3 Site Restoration

Upon completion of all RA activities, the temporary fencing, gates, barricades, signs, equipment, and materials were removed from the Site. All surfaces impacted by the activities were restored. The EA EOR performed the final inspection on May 4, 2026.

6.4 MAY 2026 INSTALLATION OF MONITORING WELLS

In mid-May 2026, post-RA, seven monitoring wells (MW-EP-04 through MW-EP-10) were installed within the excavated area to monitor groundwater concentrations as part of the remedy performance monitoring. Well locations are shown on *Drawing C-2*, well construction details in *Drawing C-4*, and well vault and pad details in *Drawing C-5*. The boring and well construction logs are provided in *Appendix I*; the well permits in *Appendix J*; the survey results and water levels in *Table 6*; and the well development summary *in Table 7*. The following are the details:

1. Certerra/Enviro-Drill installed the post-RA monitoring wells using the hollow-stem auger drilling method with a CME-75 rig and 6-5/8-inch outside-diameter augers.
2. During drilling, soil samples were screened with PID and described using the USCS every 5 feet.
3. Two soil samples were collected, one from near the water table and one from within the saturated zone, and analyzed as described in Section 6.5 below.
4. Wells were constructed with 2-inch-diameter Schedule 40 PVC flush-threaded casing and extended to approximately 22 feet bgs.
5. 15-foot-long Schedule 40 PVC 0.010-slot well screens were installed from approximately 7 to 22 feet bgs.
6. The filter pack was constructed using 10/20-mesh washed silica sand from the bottom of the borehole to 1 foot above the screen, from approximately 22 to 6 feet bgs.
7. A 2-foot-thick bentonite plug was installed above the filter pack from 6 to 4 feet bgs.
8. A neat-cement grout seal was installed from 4 to 1 foot bgs.
9. Flush-grade surface completions were constructed of 8-inch x 12-inch H-20-rated steel, bolted vaults, set in 2-foot by 2-foot by 4-inch-thick reinforced concrete well pads. Metal posts were driven on two corners of each well pad for visibility.
10. Wells were developed using a pump, with an average of 25 gallons of water being removed from each well during development. Groundwater geochemical parameters were monitored and recorded.

6.5 MAY 2026 POST-RA SOIL SAMPLING

During the well installation discussed in the previous section, soil samples were collected from the soil boring near the water table (around 12-14 feet bgs) and near the bottom of the excavation (6-18 feet bgs) and analyzed for VOCs by EPA 8260B, and TPH-GRO, TPH-DRO, and TPH-MRO by EPA 8015D. A summary of results is presented in *Tables 8 and 9*. Analytical reports are provided in *Appendix D*.

1. Benzene, toluene, ethylbenzene, total xylenes, MTBE, EDB, and EDC concentrations in the soil samples were below the detection limits and the NMED SSLs.

2. A Naphthalene concentration of 0.32 mg/kg in MW-EP-04 at 12-14 feet bgs exceeded the NMED Soil-to-Groundwater SSL.

3. 1-Methylnaphthalene concentrations of between 0.17 mg/kg and 3.1 mg/kg exceeded the NMED Soil-to-Groundwater SSL of 0.045 mg/kg for a Dilution Attenuation Factor (DAF) of 1 for direct contact with the groundwater in MW-EP-04, MW-EP-07, and MW-EP-09.

4. 2-Methylnaphthalene concentrations of between 0.17 mg/kg and 0.67 mg/kg exceeded the NMED Soil-to-Groundwater SSL of 0.14 mg/kg for a Dilution Attenuation Factor (DAF) of 1 for direct contact with the groundwater in MW-EP-04 and MW-EP-09.

5. A TPH-DRO concentration of 3,300 mg/kg in MW-EP-07 exceeded the NMED Soil-to-Groundwater SSL of 286 mg/kg for a Dilution Attenuation Factor (DAF) of 1 for direct contact with the groundwater.

The results indicated that the RA removed the majority of the contaminated soil, and the soil and residual mass are expected to attenuate in a reasonable timeframe.

6.6 MAY 2026 POST-RA GROUNDWATER MONITORING

Groundwater samples were collected from the seven newly installed wells within the excavation area, MW-EP-04 through MW-EP-10, in May 2025 and analyzed for VOCs by EPA Method 8260B, ethylene dibromide by EPA Method 8011, PAHs by EPA Method 8270E, metals (aluminum, arsenic, beryllium, chromium, cobalt, iron, and manganese) by EPA 6020B, and mercury by EPA 7470A. Well locations are shown in *Drawing C-2*.

Organic contaminant concentrations were low and below the NMAC 20.6.2.3103 Human Health standards, except for total naphthalene, which was only two times the standard in one well (MW-EP-04). Ethylbenzene, 1-Methylnaphthalene, and naphthalene exceeded the EPA Residential Tapwater RLS (EPA RSL) in MW-EP-04, and benzo(a)anthracene and benzo(a)pyrene exceeded the EPA RSL in MW-EP-04, MW-EP-05, MW-EP-06, and MW-EP-07 several times the RSL levels. The results indicate that the RA successfully removed the majority of the contaminant mass and that natural attenuation is expected to restore groundwater quality within a reasonable timeframe. Groundwater sampling results and geochemical indicators are presented in *Tables 10-12*. Laboratory reports are provided in *Appendix D*.

6.6.1 Groundwater Flow, Gradient, and Seepage Velocity

1. The groundwater level ranged between 9.02 feet below the top of the well casing (btoc) to 11.11 feet btoc, averaging 9.61 feet btoc. The average groundwater elevation was 5473.90 feet above the mean sea level (amsl).

2. The groundwater flow direction was southwestward.

3. The groundwater flow gradient was 0.04, 4 feet over 100 feet.

4. For an estimated hydraulic conductivity of 1-3 feet per day, 0.04 gradient, and effective porosity of 30% for the Pit Run Gravel and Sand, the groundwater seepage velocity is 50-

150 feet per year, a very rapid flow rate that will enhance the biodegradation of residual contamination.

$$Vs = \frac{3\frac{ft}{day} \cdot 0.04}{30\%} = 146\frac{ft}{yr}$$

6.6.2 Volatile Organic Compounds

1. Benzene, toluene, total xylene, and MTBE concentrations in the groundwater were not detected in the seven sampled wells.

2. Ethylbenzene was detected in MW-EP-04 at trace levels, 1.0 µg/L and 1.5 µg/L in the duplicate sample, below the NMAC standard of 700 µg/L and at the EPA Tapwater RSL level of 1.5 µg/L.

3. 1-Methylnaphthalene concentrations of 21 and 27 µg/L in MW-EP-04 and the duplicate sample were above the EPA Tapwater RSL of 11 µg/L. There is no NMAC standard for 1-Methylnaphthalene.

4. 2-methylnaphthalene concentrations of 18 and 23 µg/L in MW-EP-04 and the duplicate sample were below the EPA Tapwater RSL of 36 µg/L.

5. Naphthalene concentrations of 14 and 19 µg/L were above the EPA Tapwater RSL of 0.17 µg/L in MW-EP-04 and the duplicate sample. There is no NMAC standard for naphthalene.

6. Total naphthalene concentrations of 53 and 69 µg/L in MW-EP-04 and the duplicate sample exceeded the NMAC standard of 30 µg/L. Total naphthalene does not have an EPA Tapwater RSL.

6.6.3 Polycyclic Aromatic Hydrocarbons

1. NMAC 20.6.2.3103 only has groundwater standards for benzo(a)pyrene and total naphthalenes; groundwater PAH concentrations were below the NMAC standards in all wells.

2. When compared to the EPA Residential Tapwater RSLs, PAH concentrations exceeded the RSLs as follows:

    - Naphthalene concentrations of 1.5 µg/L in MW-EP-04 duplicate and 1.2 µg/L in MW-EP-08 were above the RSL of 0.17 µg/L.

    - 1-Methylnaphthalene concentrations of 11 µg/L in MW-EP-04 were at the EPA Tapwater RLS level.

    - Benzo(a)anthracene concentrations of between 0.36 µg/L and 0.47 µg/L in MW-EP-04 and the duplicate sample, MW-EP-05, and MW-EP-08 were above the EPA Tapwater RLS of 0.25 µg/L.

- Benzo(a)pyrene concentrations of between 0.042 and 0.10 µg/L were below the NMAC standard of 0.2 µg/L, but were above the EPA Tapwater RLS of 0.025 µg/L in MW-EP-04 and the duplicate sample, MW-EP-05, MW-EP-07, and MW-EP-08.

6.6.4 Metals

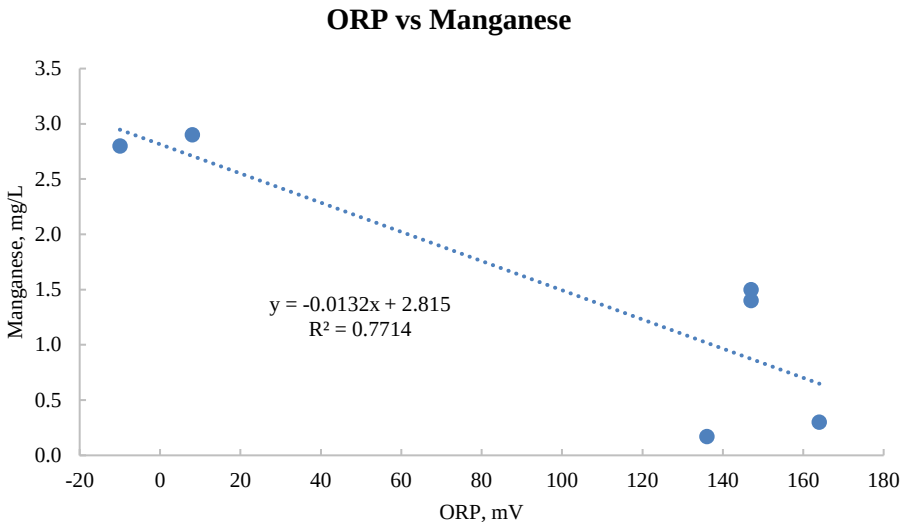
1. Concentrations of previously detected metals (aluminum, arsenic, beryllium, chromium, cobalt, and iron) were below the NMAC standards and below the detection limits. Only arsenic was detected at 0.0058 mg/L in MW-EP-04 and 0.0057 mg/L in MW-EP-04 duplicate sample, and aluminum at 0.16 mg/L in MW-EP-08.

2. Manganese concentrations of between 0.3 and 2.9 mg/L exceeded the NMAC manganese standard of 0.2 mg/L in MW-EP-04 and the duplicate sample, MW-EP-06, MW-EP-07, MW-EP-08, MW-EP-09, and MW-EP-10. The ORP ranged from slightly reduced to moderately oxidizing.

    - Based on the absence of iron detection, most dissolved iron has been oxidized and precipitated, or the soil had little iron.

    - Biologically mediated manganese either remains dissolved or is sourced from the residual adjacent areas.

    - Given the oxidizing conditions in more than half the wells, the RA successfully removed most of the contaminated soil. Manganese concentrations are expected to decline as groundwater becomes more aerobic and oxidizing, leading to manganese precipitation.



6.6.5 Groundwater Geochemical Indicators

1. The pH was mostly neutral, averaging 7.4 units, which is conducive to biodegradability.

2. The average temperature was 17.4 degrees Celsius, conducive to biodegradation.

3. The specific conductance ranged considerably from 750 micro-Siemens per centimeter (µS/cm) to 4,625 µS/cm in MW-EP-08 in the northeastern corner, screened mostly in the native soil. Similarly, in MW-EP-10 in the southwestern corner, specific conductance was somewhat elevated at 2,542 µS/cm. The average specific conductance, excluding MW-EP-08, was 1,500 µg/cm.

4. The ORP was slightly reducing or oxidizing, ranging from -10 mV to 28 mV in MW-EP-06, MW-EP-07, and MW-EP-10 within the central and northern excavated area, to moderately oxidizing, with an average of 149 mV in MW-EP-04, MW-EP-05, and MW-EP-09 within the remaining excavated areas. As shown in Section 6.6.4 above, manganese concentrations decreased under oxidizing conditions.

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Tables

Table 1. East Parcel Soil Analytical Results Above the Standards

Analyte	Sample Date	Units	ESB01-1.0 1-1	ESB01-8.0	ESB02-1.0	ESB02-12.0	ESB03-1.0	ESB03-12.0	ESB04-1.0	ESB04-12.0	ESB05-1.0	ESB05-12.0	ESB05-12.0-D	ESB06-1.0	ESB06-12.0	ESB07-1.0	ESB07-12.0	ESB08-1.0	ESB08-6.0	ESB09-1.0	ESB09-12.0	IDW	EPA Regional Screening Levels[1] Residential	EPA Regional Screening Levels[1] Industrial	NMED Soil Screening Levels[2] Residential (0-10 feet)	NMED Soil Screening Levels[2] Industrial Occupational	NMED Soil Screening Levels[2] Construction Worker (0-10 feet)	NMED Soil Screening Levels[2] SL-SSL DAF 20
TPH as Gasoline Range Organics (C_6 to C_{10})	07/13/21	mg/kg	2.03 U	93.8	2.15 U	3.27 U	1.97 U	2.19 U	2.32 U	2.43 U	0.236 U	2.34 U	2.82 U	2.02 U	2.38 U	1.99 U	2.32 U	1.8 U	0.842 J	1.94 U	2.35 U	3.41 J	NS	NS	100	500	500	6,930
TPH as Diesel Range Organics (C_{10} to C_{28})	07/13/21	mg/kg	4.32	11,000	4.03 J	2.48 J	3.18 J	12.0	42.3	38.2	10.0	13.2	2.71 J	2.15 J	4.02 J	3.01 J	1.66 J	4.34	222	2.92 J	2.59 J	1.07 J	NS	NS	1,000	3,000	3,000	5,720
TPH as Oil Range Organics (C_{28} to C_{35})	07/13/21	mg/kg	4.94 J	6,170	5.98 J	5.33 U	2.46 J	17.5	60.4	39.0	22.2	17.1	4.88 U	4.57 U	5.3 U	3.88 J	5.2 U	7.36	12.4	4.67 J	5.24 U	5.68	NS	NS	3,000	5,000	5,000	3,460,000
Benzene	07/13/21	mg/kg	0.00104 J	0.076 J	0.00117 J	0.000731 U	0.00112 J	0.000488 U	0.00056 U	0.000537 U	0.000774 J	0.00104 J	0.000671 U	0.000747 J	0.00119 J	0.000348 J	0.000241 J	0.000566 J	0.00153 J	0.000578 J	0.000517 U	0.0382 U	1.2	5.1	17.8	87.2	142	0.0418
Naphthalene	07/13/21	mg/kg	0.000515 U	5.8	0.000532 U	0.000596 U	0.000529 U	0.000545 U	0.000507 U	0.00057 U	0.000519 U	0.000557 U	0.00055 U	0.000529 U	0.000597 U	0.000504 U	0.000582 U	0.000493 U	0.0581	0.000518 U	0.000598 U	0.0252	2.0	8.6	49.7	241	159	0.0823
Cobalt	07/13/21	mg/kg	2.67	6.19	2.02	8.87	3.15	3.15	4.13	2.89	3.54	3.36	1.83	3.53	3.68	4.18	4.39	2.46	4.55	3.11	5.92	3.22	23	350	23.4	388	36.7	5.40
Iron	07/13/21	mg/kg	6,660	13,100	4,550	16,400	6,530	5,890	7,770	6,010	6,280	6,730	3,440	7,020	6,680	9,560	8,910	4,790	8,290	6,330	11,400	6880	55,000	820,000	54,800	908,000	248,000	6,960
Manganese	07/13/21	mg/kg	223	480	208	433	255	179	261	152	237	181	352	245	177	429	146	331	211	236	299	311	1,800	26,000	10,500	160,000	464	2,630

NOTES:

[1] EPA Regional Screening Levels (RSLs) for residential and industrial use scenario for hazard index = 1.0 for non-carcinogens and a 10-6 cancer risk level for carcinogens (May 2021).

[2] Residential land use SSLs from the NMED Risk Assessment Guidance for Site Investigations and Remediation, Appendix A, Table A-1, NMED Soil Screening Levels (SSL); and Appendix C, Tables C-1 to C6, Tier 1 TRVs and ESLs and Tier 2 TRVs. June 2019.

Highlighted = NMED SSL exceedance Residential and/or Construction Worker pathways for samples from 0-10 feet deep

Highlighted = NMED SL-SSL DAF 20 exceedance

Highlighted = NMED SSL exceedance Residential and/or Construction Worker pathways for samples from 0-10 feet deep and NMED SL-SSL DAF 20

Highlighted = NMED SL-SSL DAF 20 exceedance and laboratory corrected value higher than original

U = Indicates the compound was analyzed for but not detected

Q = Indicates a non-compliant QC Result (See Q Flag Application Report)

J = Indicates the result is between the MDL and LOQ

mg/kg = Milligrams per kilogram

NS = No Standard

EPA = US Environmental Protection Agency

NMED = New Mexico Environment Department

TPH = Total Petroleum Hydrocarbons

Table 2. East Parcel Groundwater Analytical Results Above the Standards

Analyte	Units	ESB01 07/13/2021	ESB02 07/13/2021	ESB03 07/13/2021	ESB04 07/13/2021	ESB05 07/13/2021	ESB06 07/13/2021	ESB07 07/13/2021	ESB08 07/13/2021	ESB09 07/13/2021	MW-1 07/14/2021	MW-1-D 07/14/2021	MW-3K 10/11/21	EPA MCL[1]	NMWQCC Standard[2]	EPA Tapwater RSL[1]
Benzene	µg/L	**12**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		5.0	5.0	0.46
Naphthalene	µg/L	**49.3**	0.382	2.55	0.149	3.53	0.045 J	0.076 J	0.05 U	0.05 U	0.05 U	0.05 U		NS	30	0.12
1-Methylnaphthalene	µg/L	**50.5**	0.61	3.73	0.401	6.59	0.079 J	0.147	0.09 U	0.09 U	0.09 U	0.09 U		NS	30	11
2-Methylnaphthalene	µg/L	**61.8**	0.469	4.77	0.495	5.85	0.067 J	0.114	0.09 U	0.09 U	0.09 U	0.09 U		NS	30	36
Total Naphthalenes	µg/L	**162**	1.46	11.1	1.05	16.0	0.19	0.337	0.23 U	0.23 U	0.23 U	0.23 U		NS	30	36
Aluminum	µg/L	4,500	3,820	**6,000**	**41,600**	1,530	987	**13,400**	**5,310**	518	**10,200**	2,830	20 U	NS	5,000	20,000
Arsenic	µg/L	4.68	1.77	3.33	**24.7**	1.14	3.43	**10.1**	**18**	0.48 J	**327**	**339**	1.0 U	10	10	0.052
Beryllium	µg/L	5.0 U	5.0 U	5.0 U	**4.59** J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	4.0	4.0	25
Chromium	µg/L	7.03	3.31	10.7	**56.8**	3.72	1.3	24.3	10.5	0.83 J	6.46 J	5.0 U	6.0 U	100	50	NS
Iron	µg/L	**12,200**	**4,830**	**8,030**	**58,800**	**2,240**	**4,110**	**22,700**	**8,560**	615	**52,700**	**72,700**	**2,400**	NS	1,000	14,000
Manganese	µg/L	**980**	**1,820**	**4,960**	**4,410**	**910**	**1,540**	**1,480**	**1,660**	**2,430**	**22,500**	**32,000**	**1,200**	NS	200	430

NOTES:

[1] EPA National Primary Drinking Water Regulations, Maximum Contaminant Levels accesssed at https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations (May 2021).

[2] New Mexico

Bold Red Values = Concentrations exceed NMWQCC or USEPA standards

U = Indicates the compound was analyzed for but not detected

Q = Indicates a non-compliant QC Result (See Q Flag Application Report)

J = Indicates the result is between the MDL and LOQ

µg/L = Micrograms per liter

EPA = US Environmental Protection Agency

MCL = Maximum Contaminant Level

NS = No Standard

NMWQCC = New Mexico Water Quality Control Commission

Regional Screening Level

Table 3. 2025 Phase II ESA Soil Analytical Results above the Standards

			Units	mg/kg	mg/kg	mg/kg	mg/kg
			EPA Residential Regional Screening Levels[1]	300	250	NS	0.11
			EPA Industrial Regional Screening Levels[1]	1,700	1,900	NS	2.1
			NMED Residential SSL[2]	100	1,000	3,000	0.153
			NMED Industrial/Occupational SSL[2]	500	3,000	5,000	3.23
			NMED SSL for Construction Workers[2]	500	3,000	5,000	24
			Project Screening Level[3]	100	250	3,000	0.153
Location	**Sample Name**	**Sample Date (mm/dd/yr)**	**Sample Depth (ft bgs)**	**TPH GRO (C6 to C10)**	**TPH as DRO (C10 to C28)**	**TPH as ORO (C25 to C38)**	**Dibenz(a,h) anthracene**
A80	SBA-08-10.5	02/18/25	10.5	62	**1,000**	**390**	< 0.40 U
B120	SBB-12-9.5	02/19/25	9.5	28	**2,700**	**800**	< 0.39 U
B120	SBB-12-13	02/19/25	13	70	**5,300**	**1,900**	< 0.38 U
B80	SBB-08-9.5	02/19/25	9.5	70	**1,200**	**420**	< 0.40 U
C80	SBC-08-10	02/18/25	10	**110**	**2,400**	**1,000**	< 0.40 U
C80	SBC-08-12.5	02/18/25	12.5	96	**3,600**	**1,600**	< 0.39 U
E120	SBE-12-4.5	02/18/25	4.5	51	**4,500**	**3100**	< 0.40 U
E120	SBE-12-14.5	02/18/25	14.5	23	**4,300**	**2,400**	< 0.36 U
E140	SBE-14-11	02/19/25	11	5.7	**1,200**	**580**	< 0.40 U
E140	SBE-14-14	02/19/25	14	12	**3,600**	**1,200**	< 0.38 U
E80	SBE-08-9	02/18/25	9	**260**	**8,200**	**3,300**	< 0.39 U
H120	SBH-12-8.5	02/19/25	8.5	95	**16,000**	**7,100**	< 2.0 U
H120	SBH-12-13	02/19/25	13	47	**5,400**	**2,900**	< 0.38 U
H80	SBH-08-9.5	02/19/25	9.5	18	**3,700**	**1,700**	< 0.39 U
H80	SBH-08-9.5-D	02/19/25	9.5	36	**3,000**	**1,300**	< 0.37 U
H80	SBH-08-12	02/19/25	12	34	**3,500**	**1,900**	< 0.39 U
I130	SBI-13-10.5	02/19/25	10.5	< 5.0 U	**1,600**	**1,000**	< 0.38 U
I80	SBI-08-13	02/18/25	13	21	**1,600**	< 96 U	< 0.019 U

Concentrations are in milligrams per kilogram

Bold red values exceed the Project Screening Level, which is the lowest concentration of EPA RSLs and NMED SSLs.

[1] EPA Regional Screening Levels (RSLs) for residential and industrial use scenario for hazard index = 1.0 for non-carcinogens and a 10-6 cancer risk level for carcinogens (November 2024).

[2] Residential land use Soil Screening Levels (SSLs) from the NMED Risk Assessment Guidance for Site Investigations and Remediation, Appendix A, Table A-1, NMED SSLs; and Appendix C, Tables C-1 to C6, Tier 1 TRVs and ESLs and Tier 2 TRVs (November 2022).

[3] The project screening level was selected to satisfy the 1) residential NMED SSL if specified, and (2) the residential EPA RSL if no NMED SSL exists. For analytes with no SSL or RSL, the project screening level will be NS. Project screening levels that are not achievable by the laboratory reporting limits are shaded

< = Less than the reporting limit

ft bgs = Feet below grade surface

mg/kg = Milligrams per kilogram

mm/dd/yr = month/day/year

U = Indicates the compound was analyzed for but was not detected above the reporting limit.

Table 4. 2025 ESA East Parcel Groundwater Analytical Results above the Standards

					Boring/Well Location:	B120	B120	B120	C80	E120	E140	E80	G80	MW-3KR
					Sample Name:	SBB-12	SBB-12-D	SBB-12 Filtered	SBC-08	SBE-12	SBE-14	SBE-08	SBG-08	MW-3R
					Sample Date:	02/19/25	02/19/25	02/19/25	02/18/25	02/18/25	02/19/25	02/18/25	02/19/25	02/17/25
					Total (filtered) or Dissolved (unfiltered):	Total	Total	Dissolved	Total	Total	Total	Total	Total	Total
Analyte	**Unit**	**EPA MCL[1]**	**NMWQCC Standard[2]**	**EPA Tapwater[3]**	**Project Screening Level[4]**	**Results**	**Results**	**Results**	**Results**	**Results**	**Results**	**Results**	**Results**	**Results**
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	µg/L	NS	NS	0.57	0.57	< 5.0 U	< 5.0 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U	< 5.0 U	< 2.0 U	< 10 U
1,2,3-Trichloropropane	µg/L	NS	NS	0.00075	0.00075	< 10 U	< 10 U	< 2.0 U	< 4.0 U	< 4.0 U	< 2.0 U	< 10 U	< 4.0 U	< 20 U
1,2,4-Trimethylbenzene	µg/L	NS	NS	56	56	**62**	54	44	< 2.0 U	< 2.0 U	**60**	**120**	**110**	< 10 U
1,2-Dibromo-3-chloropropane	µg/L	0.2	NS	0.00033	0.2	< 10 U	< 10 U	< 2.0 U	< 4.0 U	< 4.0 U	< 2.0 U	< 10 U	< 4.0 U	< 20 U
1,2-Dibromoethane	µg/L	0.05	0.05	0.0075	0.05	< 5.0 U	< 5.0 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U	< 5.0 U	< 2.0 U	< 10 U
1-Methylnaphthalene	µg/L	NS	30	0.0063	30	**52**	**40**	11	**91**	**92**	15	29	< 40 U	**45**
2-Methylnaphthalene	µg/L	NS	30	36	30	**63**	**46**	< 4.0 U	**120**	**97**	13	**34**	< 40 U	< 40 U
cis-1,3-Dichloropropene	µg/L	NS	NS	0.47	0.47	< 5.0 U	< 5.0 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U	< 5.0 U	< 2.0 U	< 10 U
Hexachloro-1,3-butadiene	µg/L	NS	NS	0.14	0.14	< 5.0 U	< 5.0 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U	< 5.0 U	< 2.0 U	< 10 U
Isopropylbenzene	µg/L	NS	NS	450	450	5.2	< 5.0 U	3.2	17	9.4	10	9.9	6.7	< 10 U
Methyl tert-butyl ether	µg/L	NS	100	14	100	< 5.0 U	< 5.0 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U	< 5.0 U	< 2.0 U	< 10 U
Methylene chloride	µg/L	5	5	11	5	< 13 U	< 13 U	< 2.5 U	< 5.0 U	< 5.0 U	< 2.5 U	< 13 U	< 5.0 U	< 25 U
Naphthalene	µg/L	NS	30	0.12	30	**98**	**75**	**31**	**110**	**67**	14	**36**	**34**	< 20 U
trans-1,3-Dichloropropene	µg/L	NS	NS	0.47	0.47	< 5.0 U	< 5.0 U	< 1.0 U	< 2.0 U	< 2.0 U	< 1.0 U	< 5.0 U	< 2.0 U	< 10 U
Total naphthalene	µg/L	NS	30	NS	30	**213**	**161**	**42**	**321**	**256**	**42**	**99**	**34**	**45**

Notes:

Bold Red values exceed the Project Screening Levels

Iron and manganese concentrations were above the standards in all groundwater samples and are not shown.

The detection limits for some compounds exceeded the standards; however, this does not necessarily indicate that concentrations exceeded the standards. Nonetheless, the concentrations were shown.

For total naphthalenes, detected results for 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene were summed.

[1] EPA National Primary Drinking Water Regulations, Maximum Contaminant Levels (MCLs) at https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations (November 2024).

[2] New Mexico Administrative Code Title 20.6.2.3103, Standards for Ground Water of 10,000 mg/L total dissolved solids concentration or less (NMAC 2018).

[3] EPA Regional Screening Levels (RSLs) for Tapwater use scenario for hazard index = 1.0 for non-carcinogens and a 10-6 cancer risk level for carcinogens (November 2024).

[4] The project screening level (PSL) was selected as the lowest of 1) NMWQCC standard or 2) EPA MCL. If no MCL or NMWQCC standard exists for the analyte, then the project screening level is set at the EPA Tapwater RSL. RSLs that are not achievable by the laboratory reporting limits are shaded on the table.

[6] The PSL of 30 µg/L is for Total Naphthalene (the sum of 1-Methylnaphthalene + 2-Methylnaphthalene + Naphthalene).

-- = Not analyzed

< = Less than the reporting limit

µg/L = Microgram(s) per liter

EPA = U.S. Environmental Protection Agency

mg/L = Milligram(s) per liter

NMWQCC = New Mexico Water Quality Control Commission

NS = No standard

Table 5. Detected Soil Analytical Results for the 2026 Removal Action Overburden, and Excavation Floor and Wall Samples
Former Aerex Refinery, Bloomfield, New Mexico

			Analtyical Method		6020B						8015D				8260B										
			NMAC 20.6.2.3103, mg/L		5.0	0.01	0.05	0.05	1.0	0.2	NS	NS	NS	NS	NS	NS	NS	NS	0.1	NS	0.073	NS	NS	NS	NS	
			NMED Residential SSL, mg/kg		78,000	7.07	96.6	23.4	54,800	10,500	100	1,000	3,000	NS	NS	172	232	NS	75.1	2,360	22.6	NS	2,360	NS	NS	
Sample	Grid Node	Location	Type	Depth (ft)	Aluminum	Arsenic	Chromium, Total	Cobalt	Iron	Manganese	Gasoline Range Organics [C6 - C10]	Diesel Range Organics [C10-C28]	Motor Oil Range Organics [C28-C40]	Total Recoverable Petroleum Hydrocarbons	1,2,4-Trimethylbenzene	1-Methylnaphthalene	2-Methylnaphthalene	4-Isopropyltoluene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	N-Propylbenzene	sec-Butylbenzene	tert-Butylbenzene	PID, ppmv
OV-13		Overburden Pile	Characterization									38	140	178											17.4
OV-15		Overburden Pile	Characterization									470	580	1,050											22.3
OV-18		Overburden Pile	Characterization									550	570	1,120											42.3
OV-19		Overburden Pile	Characterization									360	460	820											20.3
Floor-01	L-6	Excavation Floor	Confirmation	15-17	3,800		2.3	2.4	4,900	160		270	110	380											
Floor-02	M-4	Excavation Floor	Confirmation	15-17	6,400		3.9	2.9	6,900	170	87	6,500	3,000	9,587		7.7	11			0.4	3.7	0.5	1.0	0.5	0.1	26.7
Floor-03	L-10	Excavation Floor	Confirmation	15-17	5,800	2.2	3.7	3.4	7,200	150																
Floor-05	K-3	Excavation Floor	Confirmation	15-17	4,400		3.0	2.5	5,700	260		41	59	100	0.1											22.1
Floor-06	I-10	Excavation Floor	Confirmation	15-17	3,000			2.0	4,200	130	6.2	1,800	890	2,696		3.1	2.3			0.2	1.7	0.2	0.4	0.2	0.0	
Floor-07	G-6	Excavation Floor	Confirmation	15-17	8,400	5.2	5.6	4.0	11,000	92		1,200	1,600	2,800												
Floor-08	G-8	Excavation Floor	Confirmation	15-17	9,100		5.8	5.3	12,000	130																
Floor-09	G-10	Excavation Floor	Confirmation	15-17	2,700		1.9	1.8	4,200	200	6.3	320	200	526	0.1	1.8	0.7				0.2					
Floor-10	G-6	Excavation Floor	Confirmation	15-17	8,900	2.6	5.8	5.3	12,000	240						0.1	0.1									4.4
Floor-11	I-5	Excavation Floor	Confirmation	15-17	5,100	2.9	3.0	5.2	6,900	340																3.5
Floor-12	J-8	Excavation Floor	Confirmation	15-17	1,400			0.9	2,200	49	11	200	110	321	0.2	0.2	0.2				0.1		0.0			24.2
SWS-01	N-5	Excavation Wall Saturated	Confirmation	12-14	2,200	3.5		2.3	3,500	84	60	7,000	5,500	12,560	5.2	8.4	1.7	0.5	0.1	0.3	0.8	0.4	0.9		0.1	123
SWS-02	N-10	Excavation Wall Saturated	Confirmation	12-14	10,000	2.8	5.9	4.3	9,200	180																
SWS-06	C-5	Excavation Wall Saturated	Confirmation	12-14	6,500	2.4	4.3	5.4	9,200	210		1,100	1,300	2,400												18.7
SWS-07	H-4	Excavation Wall Saturated	Confirmation	12-14	4,800	2.1	3.0	3.2	6,300	180		970	1,100	2,070												18.4
SWS-08	K-2	Excavation Wall Saturated	Confirmation	12-14	1,300			1.2	1,900	90		95		95												1.0
SWU-01	O-8	Excavation Wall Unsaturated	Confirmation	10-12	1,500			1.3	2,800	120		2,000	1,700	3,700												
SWU-02	N-13	Excavation Wall Unsaturated	Confirmation	10-12	8,500		5.6	3.9	9,300	170		380	300	680												
SWU-04	F-13	Excavation Wall Unsaturated	Confirmation	10-12	1,900			1.2	2,600	84	16	1,100	1,400	2,516		0.5	0.6			0.1	0.2		0.1	0.1		
SWU-08	M-2	Excavation Wall Unsaturated	Confirmation	10-12	3,950		2.5	2.1	4,900	150																10.1

Notes:
Empty cells indicate concentrations below the detected levels; only detected values are shown.
Soil concentrations are in milligrams per kilogram
For saturated soil below 10 feet bgs, New Mexico Administrative Code 20.6.2.3103 Human Health standards for groundwater apply. Groundwater concentrations will be assessed. There are no direct soil standards that apply.
For overburden characterization samples, New Mexico Residential Soil Screening Level was applied.
NS = no standard

Table 6. May 2026 Water Levels and Well Coordinates
Former Aerex Refinery, Bloomfield, New Mexico

Well ID	Date Measured	Northing[1]	Easting[1]	Casing Elevation[2]	Depth to NAPL[3]	NAPL Thickness[4]	Depth to Water[3]	Groundwater Elevation[2]
MW-EP-04	05/21/26	2,080,798.2	2,678,941.2	5,483.30	-	-	9.41	5,473.89
MW-EP-05	05/21/26	2,080,805.8	2,678,991.4	5,484.19	-	-	9.23	5,474.96
MW-EP-06	05/21/26	2,080,750.7	2,678,988.1	5,483.28	-	-	9.81	5,473.47
MW-EP-07	05/21/26	2,080,773.7	2,678,956.9	5,482.94	-	-	9.02	5,473.92
MW-EP-08	05/21/26	2,080,823.2	2,679,010.6	5,485.56	-	-	9.05	5,476.51
MW-EP-09	05/21/26	2,080,729.2	2,678,928.8	5,482.69	-	-	11.11	5,471.58
MW-EP-10	05/21/26	2,080,759.8	2,678,917.1	5,482.58	-	-	9.65	5,472.93
Average							**9.61**	**5,473.89**

NOTES:

[1] Horizontal control to NM State Plane Coordinates West NAD83 Grid Coordinates (in feet)

[2] Vertical Control to NAVD88 Datum in feet above mean sea level

[3] Measured in feet below the top of casing at survey point on north side of well

[4] Measured in feet.

NAPL = Nonaqueous-phase liquid

Table 7. May 2026 Performance Well Development Summary
Fomer Aerex Refinery, Bloomfield, New Mexico

Parameters	**Well ID**	**MW-EP-04**	**MW-EP-05**	**MW-EP-06**	**MW-EP-07**	**MW-EP-08**	**MW-EP-09**	**MW-EP-10**	
Date	**mm/dd/yyr**	**05/14/26**	**05/14/262**	**05/14/263**	**05/14/264**	**05/14/2642**	**05/14/2643**	**05/14/2644**	**Average**
Well Casing Volume	gallons	1.7	1.7	1.7	1.7	1.8	1.7	1.8	**1.7**
Well Development Volume	gallons	28	22	22	27	22	27	27	**25.0**
Number of Casing Volumes		16	13	13	16	12	16	15	**14.4**
Development Rate	gpm	1.56	1.0	1.0	1.1	1.0	1.2	1.2	**1.1**
pH	SU	8.3	7.72	6.8	6.8	7.7	7.1	7.3	**7.4**
Temperature	°C	17.3	17.5	22	16.8	19.7	16.3	18.7	**18.3**
Conductivity	µS/cm	1,754	1,570	1,615	760	3,543	908	2,226	**1,768**
Oxidation-Reduction Potential	mV	23	119	-52	-29	44	130	2	**34**

°C = degrees Celsius
µS/cm = micro-Siemens per centimeter
mV = millivolts
SU = standard units

Table 8. May 2026 Volatile Organic Compounds in Soil Collected During Performance Well Installation=Fomer Aerex Refinery, Bloomfield, New Mexico

NMED Residential SSL[a]			**17.8**	**5,230**	**75.1**	**871**	**975**	**0.672**	**8.32**	**22.6**	**172**	**232**
NMED Soil to Groundwater SSL[b], DAF 20			**0.0418**	**12.1**	**12.3**	**154**	**0.553**	**0.00035**	**0.0238**	**0.0538**	**0.896**	**2.76**
NMED Soil to Groundwater SSL[b], DAF 1			**0.0021**	**0.61**	**0.62**	**7.7**	**0.028**	**0.000018**	**0.0012**	**0.0027**	**0.045**	**0.14**
Sample ID	**Sample Depth (feet bgs)**	**Date Sampled**	**Benzene**	**Toluene**	**Ethyl-benzene**	**Xylenes**	**MTBE**	**EDB**	**EDC**	**Naphthalene**	**1-Methyl-naphthalene**	**2-Methyl-naphthalene**
MW-EP-04-WT	12-14	05/12/26	<0.017	<0.033	<0.033	<0.066	<0.033	<0.033	<0.033	**0.32**	**0.97**	**0.94**
MW-EP-04	16-18	05/12/26	<0.016	<0.031	<0.031	<0.063	<0.031	<0.031	<0.031	<0.063	<0.13	<0.13
MW-EP-05-WT	10-12	05/13/26	<0.020	<0.040	<0.040	<0.079	<0.040	<0.040	<0.040	<0.079	<0.16	<0.16
MW-EP-05	14-16	05/13/26	<0.013	<0.027	<0.027	<0.054	<0.027	<0.027	<0.027	<0.054	<0.11	<0.11
MW-EP-06-WT	12-14	05/12/26	<0.017	<0.033	<0.033	<0.067	<0.033	<0.033	<0.033	<0.067	<0.13	<0.13
MW-EP-06	16-18	05/12/26	<0.016	<0.032	<0.032	<0.065	<0.032	<0.032	<0.032	<0.065	<0.13	<0.13
MW-EP-07-WT	12-14	05/12/26	<0.035	<0.070	<0.070	<0.14	<0.070	<0.070	<0.070	<0.14	**3.1**	<0.28
MW-EP-07	16-18	05/12/26	<0.016	<0.032	<0.032	<0.063	<0.032	<0.032	<0.032	<0.063	**0.23**	<0.13
MW-EP-08-WT	12-14	05/13/26	<0.014	<0.029	<0.029	<0.057	<0.029	<0.029	<0.029	<0.057	<0.11	<0.11
MW-EP-08	16-18	05/13/26	<0.016	<0.031	<0.031	<0.063	<0.031	<0.031	<0.031	<0.063	<0.13	<0.13
MW-EP-09-WT	10-12	05/12/26	<0.018	<0.036	<0.036	<0.071	<0.036	<0.036	<0.036	<0.071	**0.17**	**0.17**
MW-EP-09	20-22	05/12/26	<0.015	<0.029	<0.029	<0.059	<0.029	<0.029	<0.029	<0.059	<0.12	<0.12
MW-EP-10-WT	10-12	05/13/26	<0.015	<0.030	<0.030	<0.060	<0.030	<0.030	<0.030	<0.060	<0.12	<0.12
MW-EP-10-WT Dup	10-12	05/13/26	<0.016	<0.032	<0.032	<0.063	<0.032	<0.032	<0.032	<0.063	<0.13	<0.13
MW-EP-10	20-22	05/13/26	<0.13	<0.027	<0.027	<0.054	<0.027	<0.027	<0.027	<0.054	<0.11	<0.11

NOTES:

Samples were analyzed by EPA Method 8260B; concentrations are in milligrams per kilogram (mg/kg).

[a] Residential land use Soil Screening Levels (SSLs) from the New Mexico Environment Department (NMED) Risk Assessment Guidance for Site Investigations and Remediation, Appendix A, Table A-1, NMED SSLs; and Appendix C, Tables C-1 to C6, Tier 1 TRVs and ESLs and Tier 2 TRVs (November 2022).

Black Bold indicates concentration above the detection limit but below the NMED Residential SSL.

Red Bold indicates concentration above the NMED Soil to Groundwater SSL with the Dilution Attenuation Factor (DAF) of 1 or 20.

< = Concentration was below the laboratory reporting limit.

DAF = Dilution Attenuation Factor

Dup = Duplicate sample

EDB = Ethylene dibromide

EDC = Ethylene dichloride

ft bgs = Feet below ground surface

MTBE = Methyl tertiary butyl ether

WT = Sample collected near water table

Table 9. May 2026 Total Petroleum Hydrocarbons in Soil Collected During Performance Well Installation
Fomer Aerex Refinery, Bloomfield, New Mexico

NMED Residential SSL[a]			**100**	**1,000**	**3,000**
NMED Soil-to-Groundwater SSL, DAF 20			**6,930**	**5,720**	**3,460,000**
NMED Soil-to-Groundwater SSL, DAF 1			**347**	**286**	**173,000**
Sample ID	**Sample Depth (feet bgs)**	**Date Sampled**	**TPH-GRO**	**TPH-DRO**	**TPH-MRO**
MW-EP-04-WT	12-14	05/12/26	**29**	**120**	**62**
MW-EP-04	16-18	05/12/26	<3.1	**74**	**46**
MW-EP-05-WT	10-12	05/13/26	<4.0	<9.6	<48
MW-EP-05	14-16	05/13/26	<2.7	**110**	**53**
MW-EP-06-WT	12-14	05/12/26	<3.3	<8.4	<42
MW-EP-06	16-18	05/12/26	<3.2	<8.8	<44
MW-EP-07-WT	12-14	05/12/26	**89**	**3,300**	**1,400**
MW-EP-07	16-18	05/12/26	**6.8**	**20**	<48
MW-EP-08-WT	12-14	05/13/26	<2.9	**13**	<48
MW-EP-08	16-18	05/13/26	**4.3**	**57**	<48
MW-EP-09-WT	10-12	05/12/26	<3.6	<9.3	<47
MW-EP-09	20-22	05/12/26	<2.9	<8.6	<43
MW-EP-10-WT	10-12	05/13/26	<3.0	<8.8	<44
MW-EP-10-WT Dup	10-12	05/13/26	<3.2	<8.8	<44
MW-EP-10	20-22	05/13/26	<2.7	<9.6	<48

NOTES:

[a] Residential land use Soil Screening Levels (SSLs) from the New Mexico Environment Department (NMED) Risk Assessment Guidance for Site Investigations and Remediation, Appendix

Bold Red indicates concentration above the detection limit but below the NMED SSLs.

Bold Red indicates concentration above the NMED SSLs.

Samples analyzed by EPA Method 8015D; concentrations reported in milligrams per kilogram (mg/kg).

ft bgs = Feet below ground surface

< = Not detected above the laboratory reporting limit

Dup = Duplicate sample

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics (C10 to C28)

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics (C6 to C10)

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics (C28 to C40)

WT = Sample collected from near the water table

Table 10. May 2026 Volatile Organic Compounds in the Performance Assessment Wells
Fomer Aerex Refinery, Bloomfield, New Mexico

NMAC 20.6.2.3103	5	700	750	620	--	100	--	--	--	30
EPA Residential Tapwater RSL	**0.46**	**1.5**		**10**	**--**	**14**	**11**	**36**	**0.17**	**--**
Well ID	**Benzene**	**Ethylbenzene**	**Toluene**	**Total Xylenes**	**BTEX**	**Methyl-tert-butyl Ether (MTBE)**	**1-Methyl naphthalene**	**2-Methyl naphthalene**	**Naphthalene**	**Total Naphthalene**
MW-EP-04	<1.0	**1.0**	<1.0	<1.5	**1.0**	<1.0	**21**	**18**	**14**	**53**
MW-EP-04-DUP	<1.0	**1.5**	<1.0	<1.5	**1.5**	<1.0	**27**	**23**	**19**	**69**
MW-EP-05	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<4.0	<4.0	<2.0	<10
MW-EP-06	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<4.0	<4.0	<2.0	<10
MW-EP-07	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<4.0	<4.0	<2.0	<10
MW-EP-08	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<4.0	<4.0	<2.0	<10
MW-EP-09	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<4.0	<4.0	<2.0	<10
MW-EP-10	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	**5.5**	<4.0	<2.0	**5.5**
Trip Blank	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<4.0	<4.0	<2.0	<10

NOTES:

Samples were analyzed for Volatile Organic Compounds by EPA Method 8260B; concentrations are in micrograms per liter (µg/L).

New Mexico Administrative Code (NMAC) 20.6.2.3103 Human Health Standard for Groundwater.

Bold Black indicates a concentration above the detection limit by below the New Mexico or EPA standards.

Bold Red indicates a concentration above the New Mexico Standard or EPA Residential Tapwater RSL.

< = Not detected above the laboratory reporting limit

-- = No standard

Table 11. May 2026 Polycyclic Aromatic Hydrocarbons in the Performance Assessment Wells=
Fomer Aerex Refinery, Bloomfield, New Mexico

Well ID	Date Sampled	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Total Naphthalenes	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a] anthracene	Benzo[a] pyrene	Benzo[g,h,i] perylene
NMWQCC Standards		--	--	--	30	--	--	--	--	0.2	--
EPA Residential Tapwater RSL[a]		0.17	11	36	30	530	--	1,800	0.25	0.025	
MW-EP-04	21-May-26	<0.20	11	<0.40	11	0.55	0.50	0.38	0.36	0.097	<0.20
MW-EP-04 Dup	21-May-26	1.5	5.5	2.5	9.5	0.42	0.39	0.25	0.37	0.084	<0.20
MW-EP-05	21-May-26	<0.20	<0.20	<0.40	<0.80	<0.26	<0.20	<0.20	0.41	0.15	<0.20
MW-EP-06	21-May-26	<0.20	0.37	<0.40	0.37	<0.26	<0.20	<0.20	<0.20	<0.035	<0.20
MW-EP-07	21-May-26	<0.20	3.3	<0.40	3.3	0.65	0.38	0.26	0.21	0.042	<0.20
MW-EP-08	21-May-26	1.2	3.2	4.0	8.4	<0.26	0.30	0.30	0.47	0.10	<0.20
MW-EP-09	21-May-26	<0.20	<0.20	<0.40	<0.80	<0.26	<0.20	<0.20	<0.20	<0.035	<0.20
MW-EP-10	21-May-26	<0.20	0.84	<0.40	0.84	<0.26	<0.20	<0.20	<0.20	<0.035	<0.20

Well ID	Date Sampled	Benzo[b] fluoranthene	Benzo[k] fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd] pyrene	Phenanthrene	Pyrene	
NMWQCC Standard		--	--	--	--	--	--	--	--	--	
EPA Residential Tapwater RSL[a]		--	--	25	--	--	290	--	--	220	
MW-EP-04	21-May-26	<0.25	<0.20	0.62	<0.20	<1.0	3.3	<0.20	1.4	<0.50	
MW-EP-04 Dup	21-May-26	<0.25	<0.20	0.67	<0.20	<1.0	2.4	<0.20	1.1	0.50	
MW-EP-05	21-May-26	<0.25	<0.20	0.72	<0.20	<1.0	<0.50	<0.20	<0.50	<0.50	
MW-EP-06	21-May-26	<0.25	<0.20	<0.20	<0.20	<1.0	<0.50	<0.20	<0.50	<0.50	
MW-EP-07	21-May-26	<0.25	<0.20	0.40	<0.20	<1.0	1.4	<0.20	0.68	<0.50	
MW-EP-08	21-May-26	<0.25	<0.20	0.77	<0.20	<1.0	2.4	<0.20	2.7	0.71	
MW-EP-09	21-May-26	<0.25	<0.20	<0.20	<0.20	<1.0	<0.50	<0.20	<0.50	<0.50	
MW-EP-10	21-May-26	<0.25	<0.20	<0.20	<0.20	<1.0	<0.50	<0.20	<0.50	<0.50	

NOTES:

Samples were analyzed for Polycyclic Aromatic Hydrocarbons (PAHs) by EPA Method 8270 Select Ion Monitoring (SIM); concentrations are in micrograms per liter (µg/L). EPA Residential Tapwater Regional Screening Levels (RLS) (Target Risk = 10^{-6}, Target Hazard Quotient = 1.0)

Bold Black indicates a concentration above the detection limit by below the New Mexico or EPA standards.

Bold Red indicates a concentration above the New EPA Residential Tapwater RSL.

< = Not detected above the laboratory reporting limit

-- = No standard

Table 12. May 2026 Dissolved Metals and Geochemical Indicators in the Performance Assessment Wells
Fomer Aerex Refinery, Bloomfield, New Mexico

Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mV	SU	µS/cm	°C
Well ID	**Date Sampled**	**Aluminum**	**Arsenic**	**Beryllium**	**Chromium**	**Cobalt**	**Iron**	**Manganese**	**ORP**	**pH**	**SpC**	**Temperature**
NMAC 20.6.2.3103 Standards		**5.0**	**0.01**	**0.004**	**0.05**	**0.05**	**1.0**	**0.2**				
MW-EP-04	21-May-26	<0.020	**0.0058**	<0.0020	<0.0040	<0.0020	<0.020	**1.5**	147	7.66	1,634	18.0
MW-EP-04 Dup	21-May-26	<0.020	**0.0057**	<0.0020	<0.0040	<0.0020	<0.020	**1.4**	147	7.66	1,634	17.5
MW-EP-05	21-May-26	<0.020	<0.0040	<0.0020	<0.0040	<0.0020	<0.020	0.17	136	7.80	1,670	16.0
MW-EP-06	21-May-26	<0.020	<0.0040	<0.0020	<0.0040	<0.0020	<0.020	**2.8**	-10	7.63	1,547	16.7
MW-EP-07	21-May-26	<0.020	<0.0040	<0.0020	<0.0040	<0.0020	<0.020	**0.41**	-8	6.91	752	18.2
MW-EP-08	21-May-26	**0.16**	<0.0040	<0.0020	<0.0040	<0.0020	<0.020	<0.0020	28	7.47	4,625	18.5
MW-EP-09	21-May-26	<0.020	<0.0040	<0.0020	<0.0040	<0.0020	<0.020	**0.30**	164	7.20	811	16.5
MW-EP-10	21-May-26	<0.020	<0.0040	<0.0020	<0.0040	<0.0020	<0.020	**2.90**	8	7.97	2,545	17.4
Average								**1.4**	**77**	**7.5**	**1,902**	**17.4**

NOTES:

Bold Black indicates a detected concentration below the New Mexico Water Quality Control Commission (NMWQCC) standard.

Bold Red indicates a concentration exceeding the New Mexico Water Quality Control Commission (NMWQCC) standard.

All samples analyzed for dissolved metals by EPA Method 6020B/7470A; concentrations reported in milligrams per liter (mg/L).

Samples filtered in the field prior to filling sample containers.

°C = degrees Celsius

mV = millivolts

ORP = Oxidation-reduction potential

pH = Potential of hydrogen

SpC = Specific conductance

SU = Standard units

Figures

January 24, 2026 ---- C:\Users\vmustafin\OneDrive - EA Engineering, Science, and Technology, Inc., PBC\Documents\Work\Aerex Brownfield\2025 RAP\App B - Plans\Aerex - RAP 2026 - C Drawings.dwg



LEGEND

- MONITORING WELL
- 2006 ESA SOIL BORING
- 2021 ESA SOIL BORING
- APPROXIMATE PARCEL BOUNDARY
- A — A' CROSS-SECTION LOCATION LINE
- ESA = ENVIRONMENTAL SITE ASSESSMENT

60 30 0 60

SCALE IN FEET

FIGURE NO: 1

PROJECT NUMBER: 16496-04-00_RAP

Former Aerex Refinery, East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

East Parcel Layout

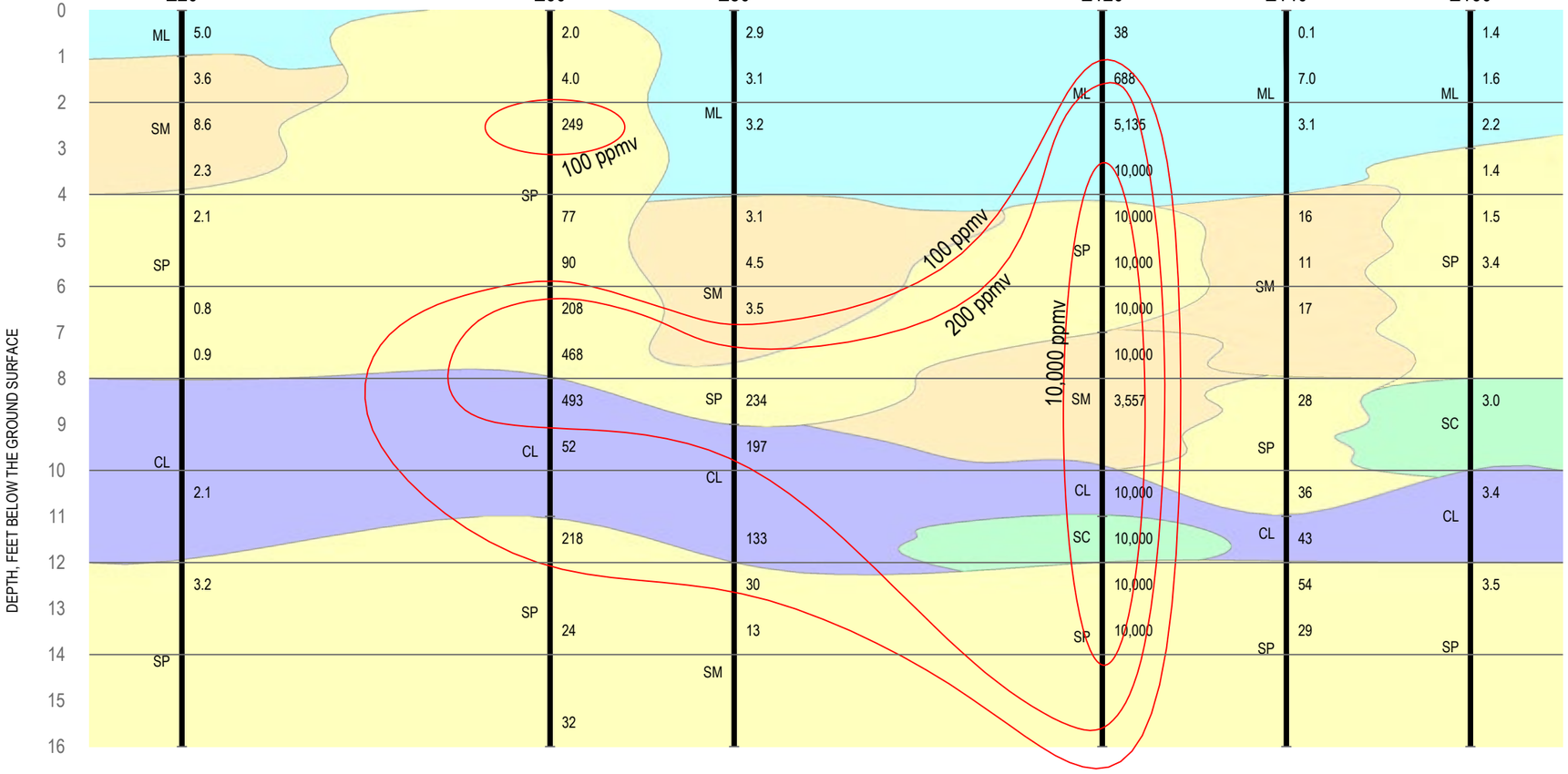
320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

REV.	DATE	DRAWN	REVIEW	REMARKS
0	01/24/26	01/24/26	MM	REMEDIAL ACTION PLAN

REVISIONS

A
West

A'
East



CLAY

SILT

CLAYEY SAND

SILTY SAND

SAND

ABBREVIATIONS:

PID = PHOTOIONIZATION DETECTOR
PPMV = PARTS PER MILLION BY VOLUME
USCS = UNIFIED SOIL CLASSIFICATION SYSTEM

USCS Soil Types:

SP = Poorly-Graded Sand
SM = Silty Sand
SC = Clayey Sand
CL = Clay
ML = Silt

3 1.5 0 3
VERTICAL SCALE IN FEET

15 7.5 0 15
HORIZONTAL SCALE IN FEET

REV.	DATE	DRAWN	REVIEW	REMARKS
0	01/24/26	01/24/26	MM	REMEDIAL ACTION PLAN

REVISIONS

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

Former Aerex Refinery, East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

Cross-Section A-A', PID Screening Results, and Excavation Profile

PROJECT NUMBER:
16496-04-00_RAP

FIGURE NO:
2

January 24, 2026 --- C:\Users\mustafin\OneDrive - EA Engineering, Science, and Technology, Inc., PBC\Documents\Work\Aerex Brownfield\2025 RAP\App B - Plans\Aerex - RAP 2026 - C.Drawings.dwg

Location	DRO	GRO	ORO	TRPH
G-03-5.5'	ND	ND	ND	ND
G-03-16'	ND	ND	ND	ND
G-03-16'-D	ND	ND	ND	ND

Location	DRO	GRO	ORO	TRPH
E-08-9'	8,200	260	3,300	11,760
E-08-12.5'	650	71	360	1,081
E-08-12.5'-D	230	60	140	430

Location	DRO	GRO	ORO	TRPH
H-08-9.5'	3,700	18	1,700	5,418
H-08-9.5'-D	3,000	36	1,300	4,336
H-08-12'	3,500	34	1,900	5,434

Location	DRO	GRO	ORO	TRPH
I-08-10'	970	12	ND	982
I-08-13'	1,600	21	ND	1,621

Location	DRO	GRO	ORO	TRPH
I-13-10.5'	1,600	ND	1,000	2,600
I-13-8'	14	ND	ND	14

Location	DRO	GRO	ORO	TRPH
E-06-10.5'	110	40	ND	150
E-06-15.5'	14	ND	ND	14
E-06-15.5'-D	51	ND	ND	51

Location	DRO	GRO	ORO	TRPH
H-12-8.5'	16,000	95	7,100	23,195
H-12-13'	5,400	47	2,900	8,347

Location	DRO	GRO	ORO	TRPH
E-12-4.5'	4,500	51	3,100	7,651
E-12-14.5'	4,300	23	2,400	6,723

Location	DRO	GRO	ORO	TRPH
E-14-11'	1,200	6	580	1,786
E-14-14'	3,600	12	1,200	4,812

Location	DRO	GRO	ORO	TRPH
E-02-5'	15	ND	ND	15

Location	DRO	GRO	ORO	TRPH
B-12-9.5'	2,700	28	800	3,528
B-12-13'	5,300	70	1,900	7,270

Location	DRO	GRO	ORO	TRPH
C-03-5.5'	74	ND	64	138

Location	DRO	GRO	ORO	TRPH
A-13-7.5'	85	ND	150	235
A-13-15.5'	21	ND	62	83

Location	DRO	GRO	ORO	TRPH
C-08-10'	2,400	110	1,000	3,510
C-08-12.5'	3,600	96	1,600	5,296

Location	DRO	GRO	ORO	TRPH
A-08-10.5'	1,000	62	390	1,452

Location	DRO	GRO	ORO	TRPH
B-08-9.5'	1,200	70	420	1,690

TPH-DRO, mg/kg

Range	From	To	Color
1	250	3000	
2	3000	6000	
3	6000	9000	
4	9000	12000	
5	12000	16000	

LEGEND

- Monitoring Well
- 2006 ESA Soil Boring
- 2021 ESA Soil Boring
- 2025 Phase II ESA Soil Boring

NOTES:

1. Shown concentrations are in milligrams per kilogram (mg/kg)
2. The maximum concentration in each borehole was used to plot concentration ranges.
3. DRO = Diesel Range Organics
4. ESA = Environmental Site Assessment
5. GRO = Gasoline Range Organics
6. ND = Concentration was below the Practical Quantitation Limit
7. NS = Not Sampled
8. ORO = Oil Range Organics
9. TPH = Total Petroleum Hydrocarbons
10. TRPH = Total Recoverable Petroleum Hydrocarbons

20 10 0 20

SCALE IN FEET

REV.	DATE	DRAWN	CHECKED	REMARKS
0	01/24/26	01/24/26	MM	Remedial Action Plan

REVISIONS

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

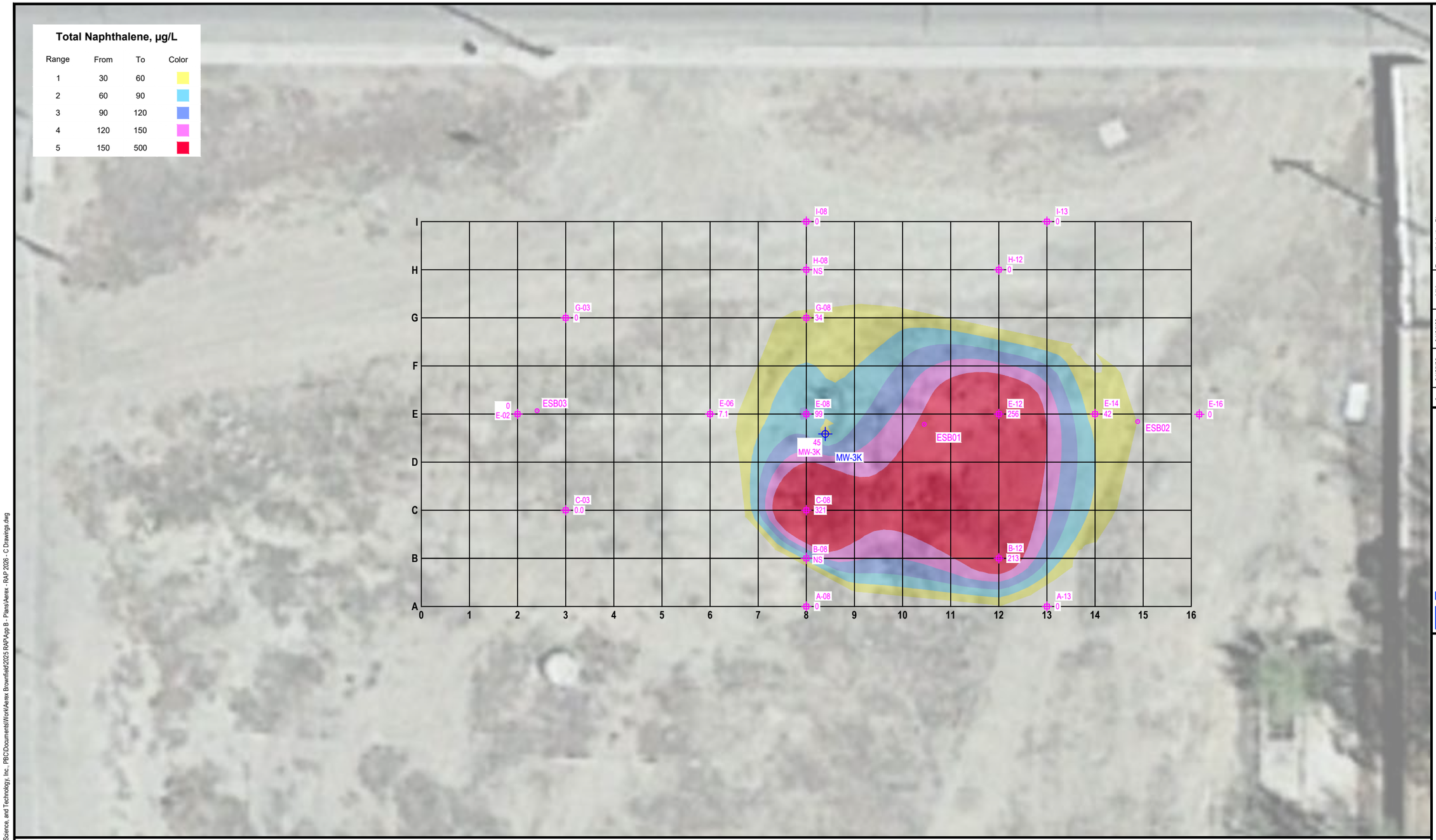
Former Aerex Refinery, East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

February 2025 TPH-DRO Distribution and TPH-DRO, GRO, MRO, and TRPH Concentrations in Soil

PROJECT NUMBER:
16496-04-00_RAP

FIGURE NO:
3

January 24, 2026 --- C:\Users\mustafin\OneDrive - EA Engineering, Science, and Technology, Inc., PBC\Documents\Work\Aerex Brownfield\2025 RAP\App B - Plans\Aerex - RAP 2026 - C Drawings.dwg



LEGEND

- Monitoring Well
- 2006 ESA Soil Boring
- 2021 ESA Soil Boring
- 2025 Phase II ESA Soil Sample Location and Total Naphthalene in Unfiltered Samples

NOTES:

1. Shown concentrations are in micrograms per liter (µg/L).
2. Unfiltered groundwater samples were collected from temporary wells, except MW-3K.
3. The maximum concentration in each borehole was used.
4. For concentrations below the practical quantitation limit, zero is shown.
5. The total naphthalene concentrations includes naphthalene, 1-methyl naphthalene, and 2-methyl naphthalene.
6. Detected results were summed to calculate the total naphthalene concentrations.
7. NS = Not Sampled

20 10 0 20

SCALE IN FEET

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REV.	DATE	DRAWN	CHECKED	REMARKS
0	01/25/26	01/25/26	MM	Remedial Action Plan

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

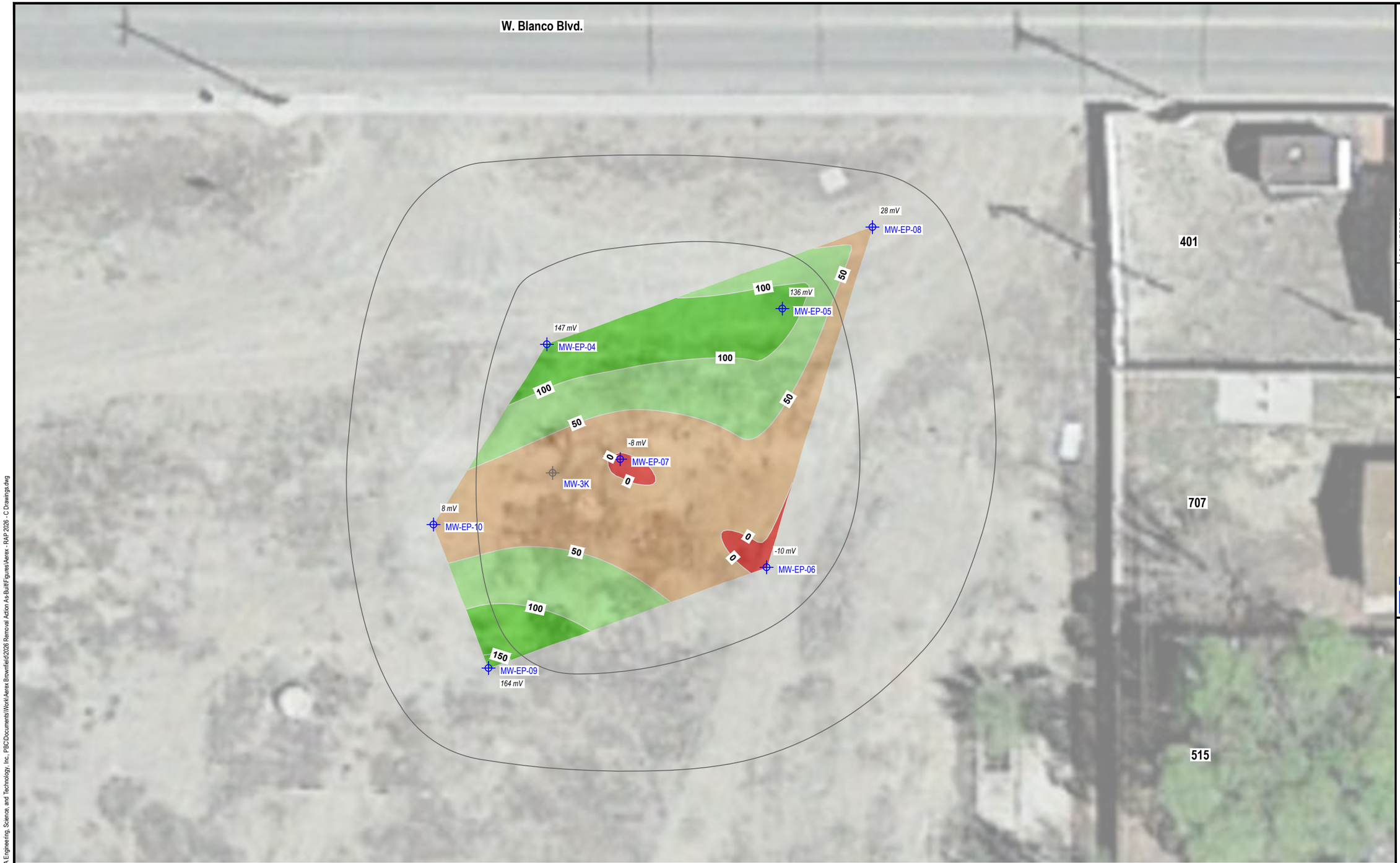
Former Aerex Refinery, East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

February 2025
Unfiltered Total Naphthalene
Groundwater Concentrations

PROJECT NUMBER:
16496-04-00_RAP

FIGURE NO:
4

January 24, 2026 — C:\Users\vmustafin\OneDrive - EA Engineering, Science, and Technology, Inc., PBC\Documents\Work\Aerex Brownfield\2025 RAP\App B - Plans\Aerex - RAP 2026 - C Drawings.dwg



LEGEND

- NEWLY INSTALLED PERFORMANCE ASSESSMENT MONITORING WELL
- DESTROYED WELL MW-3K
- EXCAVATION FLOOR (17 FEET BGS) AND DAYLIGHT (0 FEET BGS)

20 10 0 20

SCALE IN FEET

N

REV.	DATE	DRAWN	CHECKED	REMARKS
0	06/24/26	06/24/26	MM	AS-BUILT REPORT

REVISIONS

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

DESIGNED BY: VMM
DRAWN BY: VMM
REVIEWED BY: MM

Former Aerex Refinery, East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

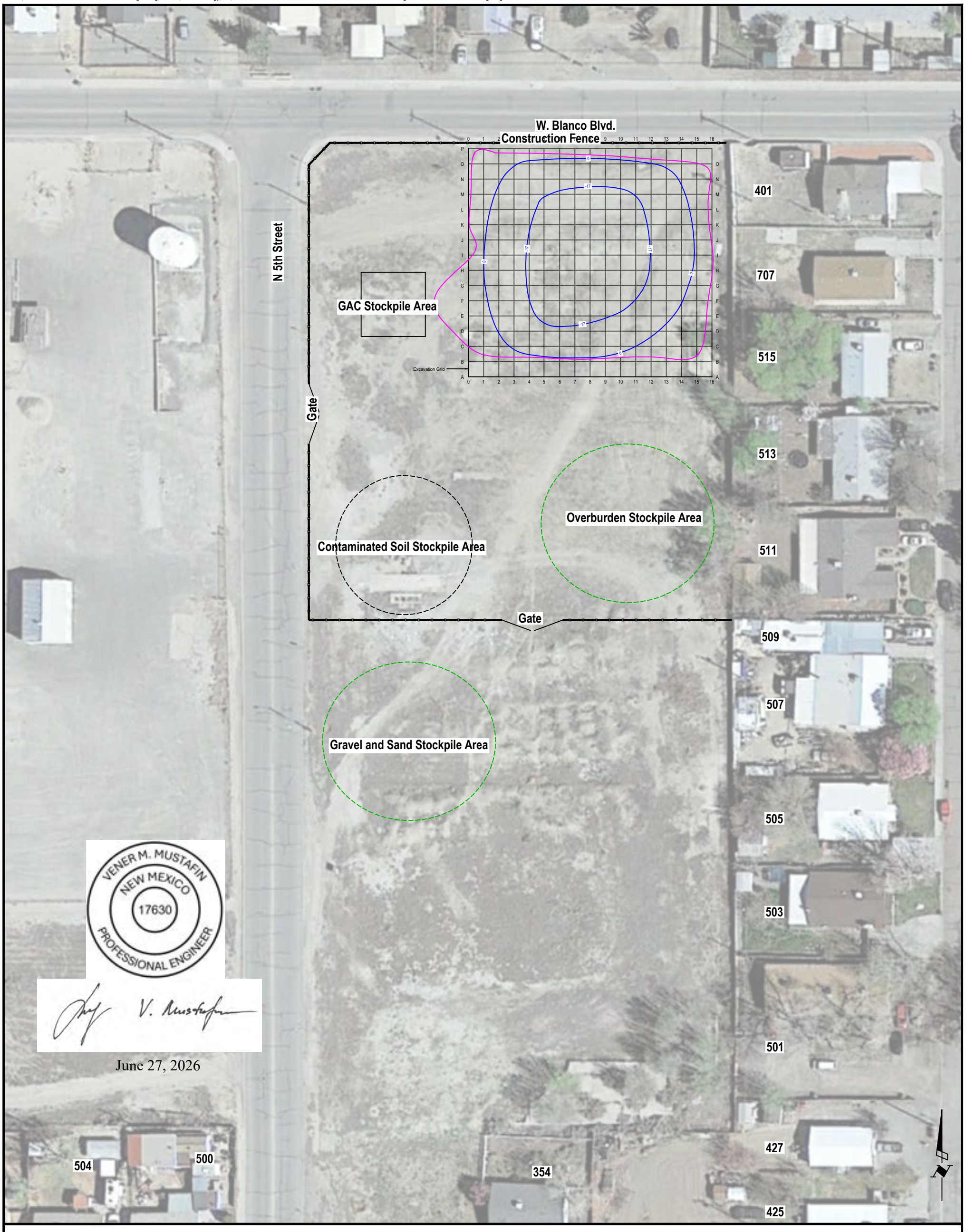
Figure 5
Oxidation-Reduction Potential in the Performance Assessment Well in May 2026

PROJECT NUMBER:
16496-04-00_AS-BUILT

DRAWING NO.:
5

June 24, 2026 --- C:\Users\vmustafin\OneDrive - EA Engineering, Science, and Technology, Inc., PBC\Documents\Work\Aerex Brownfield\2026 Removal Action As-Built\Figures\Aerex - RAP 2026 - C Drawings.dwg

As-Built Drawings



VENER M. MUSTAFIN
NEW MEXICO
17630
PROFESSIONAL ENGINEER

June 27, 2026

LEGEND

- MONITORING WELL
- APPROXIMATE PARCEL BOUNDARY
- CONSTRUCTION FENCE
- EXCAVATION FLOOR AND DAYLIGHT
- EXTENT OF GRADING AND TOPSOIL COVER

60 30 0 60

SCALE IN FEET

DRAWING NO.: C-1

PROJECT NUMBER: 16496-04-00_AS-BUILT

Former Aerex Refinery East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

Site and Work Area Layout

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

DESIGNED BY: VMM
DRAWN BY: VMM
REVEIWED BY: MM

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0	06/23/26	06/23/26	MM	AS-BUILT REPORT

REVISIONS

W. Blanco Blvd.

Excavation Daylight

Contaminated Soil Excavation Bottom -17 feet bgs

Monitoring Well MW-3K Destroyed during Excavation

Extent of Grading and Topsoil Cover

Excavation Grid

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

P O N M L K J I H G F E D C B A

0 -17 -17 -17 0 0

SWU-01 SW-01 SWS-02 28 mV MW-EP-08 SWU-02 SWU-08 Floor-02 136 mV MW-EP-05 Floor-01 147 mV MW-EP-04 Floor-03 SWS-08 Floor-05 Floor-12 Floor-11 -8 mV MW-EP-07 MW-3K Floor-06 SWS-07 8 mV MW-EP-10 Floor-07 Floor-08 -10 mV MW-EP-06 SWU-04 MW-EP-09 164 mV SWS-06

401

707

LEGEND

- NEWLY INSTALLED PERFORMANCE ASSESSMENT MONITORING WELL
- DESTROYED WELL MW-3K
- SOIL CONFIRMATION SAMPLE LOCATION
- EXCAVATION FLOOR AND DAYLIGHT
- EXTENT OF GRADING AND TOPSOIL COVER

20 10 0 20

SCALE IN FEET

N

VENER M. MUSTAFIN NEW MEXICO 17630 PROFESSIONAL ENGINEER

June 27, 2026

REVISIONS

REV.	DATE	DRAWN	CHECKED	REMARKS
0	06/23/26		MM	REMEDIAL ACTION PLAN

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

DESIGNED BY: VMM
DRAWN BY: VMM
REVIEWED BY: MM

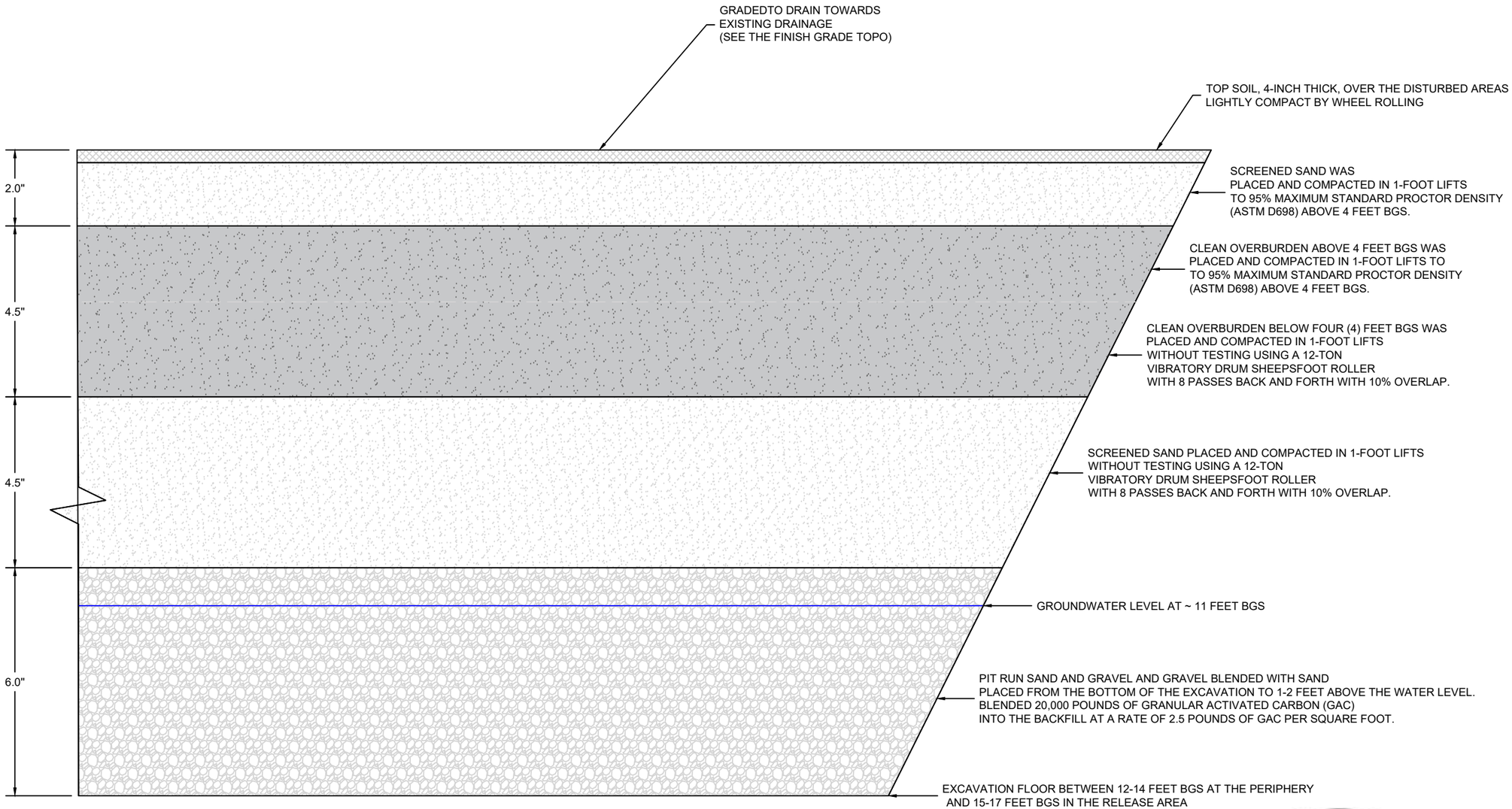
Former Aerex Refinery, East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

Excavation Floor, Daylight, Extent of Grading, Topsoil Cover Extent, Confirmation Sample Locations, and Performance Assessment Well Locations

PROJECT NUMBER: 16496-04-00_AS-BUILT

DRAWING NO.: C-2

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Backfilled Quantities - 2026 Removal Action
Former Aerex Refinery, Bloomfield, New Mexico

Material	Mass tons	Loose Density tons per cubic yard	Loose Volume cubic yards	Volume Decrease due to Compaction	Compacted Volume cubic yards	Basis
Screened Sand	3,549	1.39	2,553	12.0%	2,247	weight tickets
Gravel	820	1.49	550	5.0%	523	weight tickets
Pit Run Gravel and Sand	2,268	1.42	1,597	6.0%	1,501	weight tickets
Overburden	2,472	1.30	1,900	13.5%	1,644	19 100-cy stockpiles
Topsoil	176	0.74	240	6.0%	226	8 30-cy loads at 0.715 tons per cy
Backfill Totals	**9,108**		**6,840**		**6,140**	

VENER M. MUSTAFIN
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PROFESSIONAL ENGINEER

V. Mustafin

REV.	DATE	DRAWN	CHECKED	REMARKS
0	06/23/26	03/23/26	MM	AS-BUILT REPORT

REVISIONS

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REVIEWED BY: MM

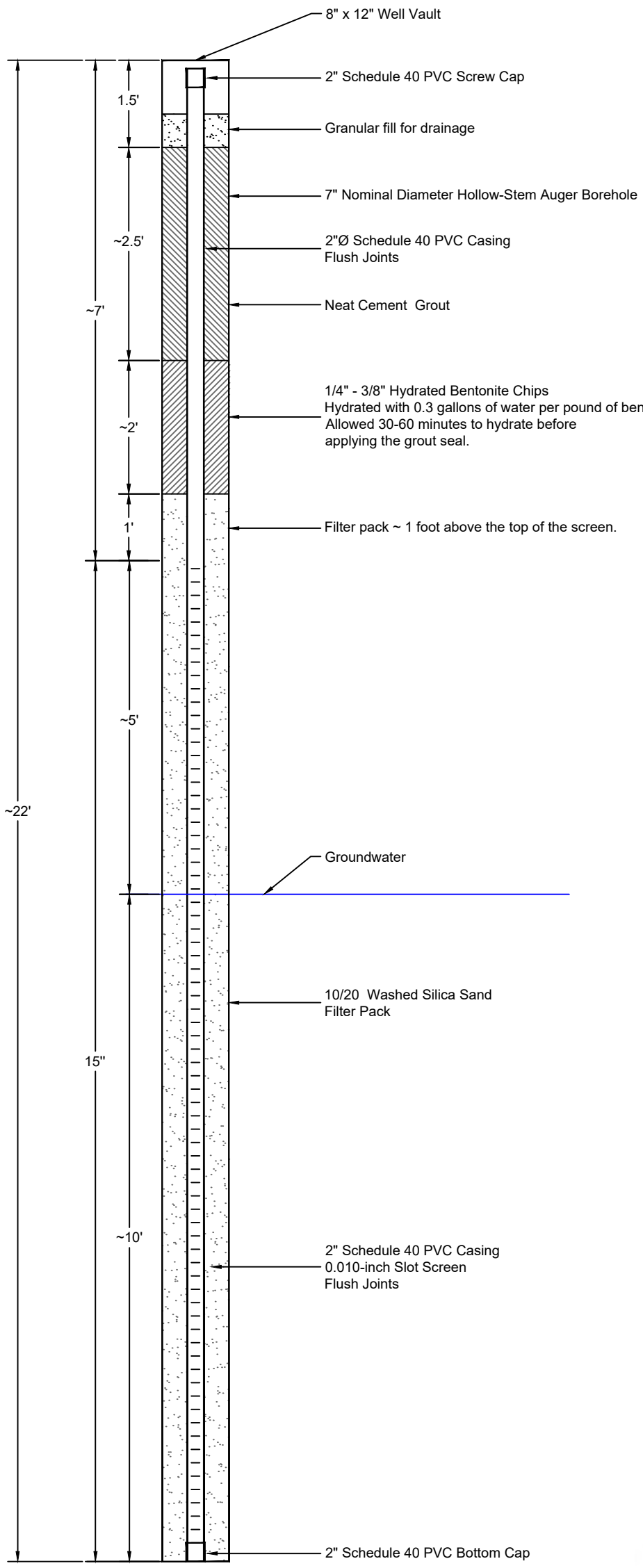
Former Aerex Refinery, East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

Excavation Backfill Section

PROJECT NUMBER: 16496-04-00_7.1

DRAWING NO.: C-3

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VENER M. MUSTAFIN
NEW MEXICO
17630
PROFESSIONAL ENGINEER

June 27, 2026

FIGURE NO: C-4

PROJECT NUMBER: 16496-04-00_AS-BUILT

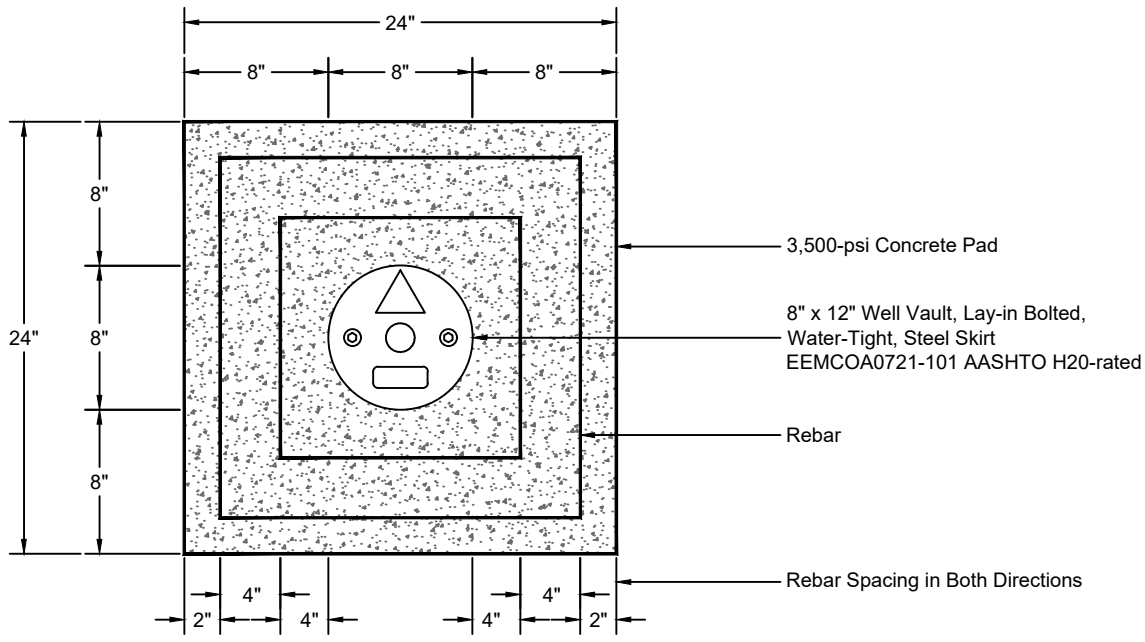
Former Aerex Refinery, East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

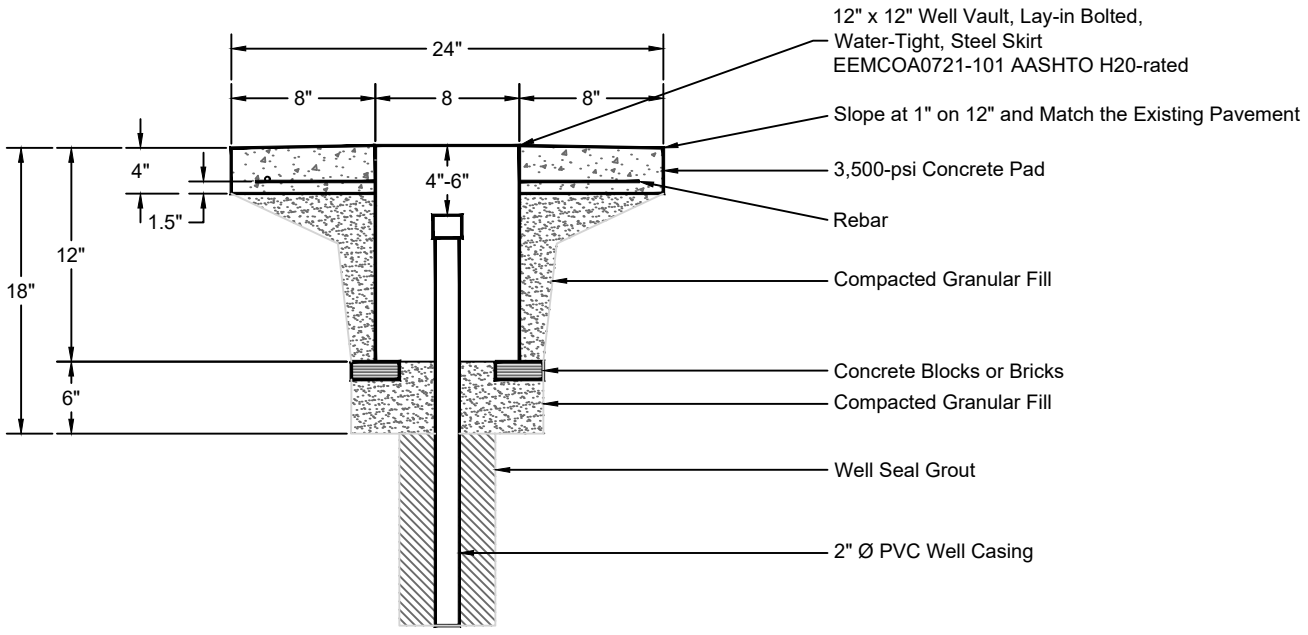
Performance Well Construction Details

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

REV.	DATE	DRAWN	REVIEW	REMARKS
0	06/24/26	06/24/26	MM	AS-BUILT REPORT

REVISIONS





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NEW MEXICO
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PROFESSIONAL ENGINEER

June 27, 2026

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REV.	DATE	DRAWN	REVIEW	REMARKS

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FIGURE NO: C-5

PROJECT NUMBER: 16496-04-00_RAP

Former Aerex Refinery, East Parcel
West Blanco Boulevard and North 5th Street, Bloomfield, NM

Well Vault and Pad Construction Details

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

Appendix A

Photographs



Photograph No. 1 Direction: NW
Description: Site conditions before soil excavation activities. View from SE Corner.



Photograph No. 2 Direction: SW
Description: Site conditions prior to soil excavation activities. View from NE Corner.



Photograph No. 3 Direction: SE
Description: Site conditions prior to soil excavation activities. View from NW Corner.



Photograph No. 4 Direction: S
Description: Kickoff meeting onsite with representatives from the City of Bloomfield, NMED, Enviroworks, and EA on March 23, 2026.



Photograph No. 5 Direction: E
Description: Komatsu PC240LC Excavator and Takeuchi TL12R2 Compact Track Loader.



Photograph No. 6 Direction: SW
Description: Komatsu WA380 front-end loader.



Photograph No. 7 Direction: S
Description: Excavation in the NE corner with contaminated soil and groundwater exposed.



Photograph No. 8 Direction: W
Description: Close-up of open excavation in the NE corner showing contaminated soil and NAPL on the groundwater surface.



Photograph No. 9 Direction: SW
Description: The NE corner was backfilled to above the water level to stabilize the excavation, and a new excavation cell was opened, proceeding west.



Photograph No. 10 Direction: SE
Description: Backfilled excavated cells in the NE corner before proceeding west, showing stained soil in the foreground yet to be removed.



Photograph No. 11 Direction: S
Description: Excavation of the vadose zone western portion. Note that contamination extends closer to the surface than it did in the eastern periphery.



Photograph No. 12 Direction: NE
Description: Excavation of the western cell, showing exposed contaminated soil and NAPL on the groundwater surface. Black staining indicated the presence of hydrocarbon impact across most of the excavated area. At the distal edges, contamination was biodegraded, leaving a grey discoloration.



Photograph No. 13 Direction: E
Description: Excavation proceeding south following stained, contaminated soil.



Photograph No. 14 Direction: SE
Description: Excavation of contaminated soil in the NW portion of the excavation area, showing black-stained, contaminated soil.



Photograph No. 15 Direction: E
Description: Excavation proceeding west and southwest as contaminated, stained soil is exposed. Note NAPL accumulation on the groundwater surface.



Photograph No. 16 Direction: SE
Description: Backfilling the excavated area as the excavation of contaminated soil proceeds west. Note the accumulated NAPL on the groundwater surface.



Photograph No. 17 Direction: SE
Description: Loading of contaminated soil for transport to Envirotech's Landfarm #3, DP-955, located at #43 Road 7175, south of Bloomfield, New Mexico.



Photograph No. 18 Direction: E
Description: Backfilling the excavated saturated area with pit run gravel and sand (road base), gravel (1.5" crushed rock) blended with sand (#4 minus screened sand).



Photograph No. 19 Direction: S
Description: Backfilling of open excavation in the western portion of the site.



Photograph No. 20 Direction: NW
Description: Skimming accumulated NAPL off the groundwater surface in the open excavation with a vacuum truck.



Photograph No. 21 Direction: W
Description: Exposed groundwater in the excavation area after NAPL was skimmed with a vacuum truck.



Photograph No. 22 Direction: NE
Description: Confirmation excavation pit on the far western portion of the site used to ensure impacted soils have been removed.



Photograph No. 23 Direction: E
Description: Sheepsfoot vibratory roller compacting backfill in lifts.



Photograph No. 24 Direction: NE
Description: Placing of pit run gravel and sand from the bottom of the excavation to a couple of feet above the water table as backfilling continues to the west.



Photograph No. 25 Direction: E
Description: Adding 8x30-mesh granular activated carbon to the pile of pit run gravel and sand before placing it into the excavation cavity.



Photograph No. 26 Direction: E
Description: Mixing of 8x30-mesh granular activated carbon with the pit run gravel and sand before placing it into the excavation cavity.



Photograph No. 27 Direction: SE
Description: Completing backfill of excavation with sand in hydrated compacted lifts.



Photograph No. 28 Direction: E
Description: Compaction testing in the upper four feet.



Photograph No. 28 Direction: S
Description: Grading and backfilling were completed before placing the topsoil.



Photograph No. 30 Direction: SW
Description: Topsoil course completed and well locations marked with white stakes.



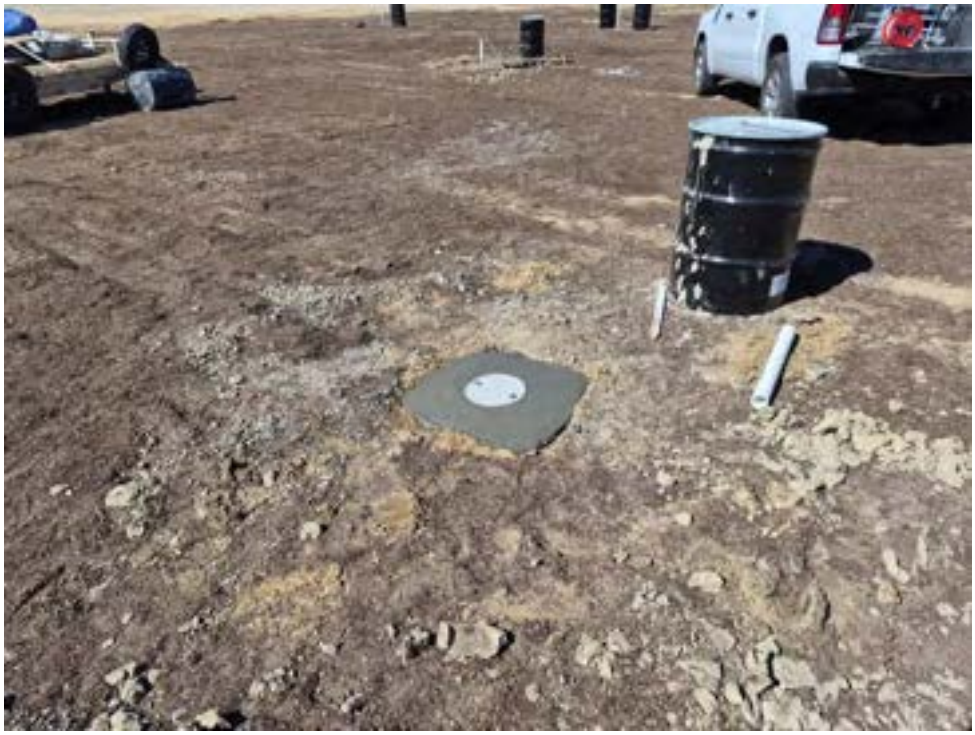
Photograph No. 31 Direction: NE
Description: Topsoil in place and well locations marked with stakes.



Photograph No. 32 Direction: NE
Description: Groundwater monitoring well installation using a CME-75 hollow stem auger drilling rig.



Photograph No. 33 Direction: SE
Description: Groundwater monitoring well casing sticking up before it was completed with a flush vault and well pad.



Photograph No. 34 Direction: SW
Description: Completed well pad.

Appendix B

City of Bloomfield Authorization

City of Bloomfield

Authorization for Waste Disposal

January 22, 2026

City of Bloomfield
915 N. 1st Street
Bloomfield, New Mexico 87413

Re: Authorization of EA Engineering, Science, and Technology, Inc., PBC as Agent for Waste Management Activities

To Whom It May Concern:

The City of Bloomfield ("Generator") hereby authorizes and designates EA Engineering, Science, and Technology, Inc., PBC, 320 Gold Ave. SW, Suite 1300, Albuquerque, NM (Agent) and its employees and authorized subcontractors, to act as Generator's agent solely for the purpose of arranging, coordinating, and managing the handling, profiling, transportation, and disposal of contaminated soil and other wastes generated at the Former Aerex Refinery, SE Corner of West Blanco Blvd. and N. 5th Street, Bloomfield, NM during the excavation activities at that site.

This authorization includes, as applicable:

1. Coordination of sampling, characterization, and waste profiling in accordance with federal, state, and local regulatory requirements.
2. Submittal of required waste profile documentation, manifests, bills of lading, or other waste shipment records to the receiving facilities and regulatory agencies.
3. Completing and signing of waste profiles, manifests, amendments, transport documents, certifications of waste disposal, or other documents.
4. Coordination with transporters, disposal facilities, and City of Bloomfield personnel regarding scheduling, shipment approvals, and related logistics.
5. Execution of non-financial documentation customarily required for waste acceptance (e.g., non-hazardous waste profiles, acceptance forms, manifests) on behalf of the Generator, provided that Generator remains the legal generator of record for such wastes.

Generator retains legal responsibility as the generator of record under applicable federal, state, and local environmental laws and regulations.

This authorization is effective as of January 22, 2026, and shall remain in effect for a period of three years or until revoked in writing by Generator.

Please direct any questions regarding this authorization to:

George Duncan
City Manager
Email: gduncan@bloomfieldnm.gov
505-320-5441

Sincerely,

George Duncan
City Manager
City of Bloomfield

Appendix C

Waste Disposal Manifests

2026 Contaminated Soil Excavation Waste Disposal Records

Former Aerex Refinery, Bloomfield, New Mexico

Disposal Site	Manifest #	Date	Time	Quantity	Quantity Value
Envirotech Land Farm	001	03/25/2026	9:43 AM	18 Cubic Yards	18
Envirotech Land Farm	002	03/25/2026	9:45 AM	18 Cubic Yards	18
Envirotech Land Farm	003	03/25/2026	9:48 AM	18 Cubic Yards	18
Envirotech Land Farm	004	03/25/2026	9:50 AM	18 Cubic Yards	18
Envirotech Land Farm	005	03/25/2026	9:54 AM	18 Cubic Yards	18
Envirotech Land Farm	006	03/25/2026	9:57 AM	18 Cubic Yards	18
Envirotech Land Farm	007	03/25/2026	10:00 AM	18 Cubic Yards	18
Envirotech Land Farm	008	03/25/2026	10:03 AM	18 Cubic Yards	18
Envirotech Land Farm	009	03/25/2026	11:56 AM	18 Cubic Yards	18
Envirotech Land Farm	010	03/25/2026	11:58 AM	18 Cubic Yards	18
Envirotech Land Farm	011	03/25/2026	12:00 PM	18 Cubic Yards	18
Envirotech Land Farm	012	03/25/2026	12:02 PM	18 Cubic Yards	18
Envirotech Land Farm	013	03/25/2026	12:05 PM	18 Cubic Yards	18
Envirotech Land Farm	014	03/25/2026	12:08 PM	18 Cubic Yards	18
Envirotech Land Farm	015	03/25/2026	12:10 PM	18 Cubic Yards	18
Envirotech Land Farm	016	03/25/2026	12:12 PM	18 Cubic Yards	18
Envirotech Land Farm	017	03/25/2026	1:58 PM	18 Cubic Yards	18
Envirotech Land Farm	018	03/25/2026	2:02 PM	18 Cubic Yards	18
Envirotech Land Farm	019	03/25/2026	2:04 PM	18 Cubic Yards	18
Envirotech Land Farm	020	03/25/2026	2:06 PM	18 Cubic Yards	18
Envirotech Land Farm	021	03/25/2026	2:05 PM	18 Cubic Yards	18
Envirotech Land Farm	022	03/25/2026	2:08 PM	18 Cubic Yards	18
Envirotech Land Farm	023	03/25/2026	2:10 PM	18 Cubic Yards	18
Envirotech Land Farm	024	03/25/2026	3:16 PM	18 Cubic Yards	18
Envirotech Land Farm	025	03/25/2026	3:19 PM	18 Cubic Yards	18
Envirotech Land Farm	026	03/25/2026	3:23 PM	18 Cubic Yards	18
Envirotech Land Farm	027	03/25/2026	3:27 PM	18 Cubic Yards	18
Envirotech Land Farm	028	03/25/2026	3:30 PM	18 Cubic Yards	18
Envirotech Land Farm	029	03/25/2026	3:34 PM	18 Cubic Yards	18
Envirotech Land Farm	030	03/25/2026	3:36 PM	18 Cubic Yards	18
Envirotech Land Farm	031	03/26/2026	6:58 AM	18 Cubic Yards	18
Envirotech Land Farm	032	03/26/2026	7:00 AM	18 Cubic Yards	18
Envirotech Land Farm	033	03/26/2026	7:01 AM	18 Cubic Yards	18
Envirotech Land Farm	034	03/26/2026	7:02 AM	18 Cubic Yards	18
Envirotech Land Farm	035	03/26/2026	7:04 AM	18 Cubic Yards	18
Envirotech Land Farm	036	03/26/2026	7:06 AM	18 Cubic Yards	18
Envirotech Land Farm	037	03/26/2026	7:08 AM	18 Cubic Yards	18
Envirotech Land Farm	038	03/26/2026	7:09 AM	18 Cubic Yards	18
Envirotech Land Farm	039	03/26/2026	9:45 AM	18 Cubic Yards	18
Envirotech Land Farm	040	03/26/2026	9:47 AM	18 Cubic Yards	18
Envirotech Land Farm	041	03/26/2026	9:52 AM	18 Cubic Yards	18
Envirotech Land Farm	042	03/26/2026	9:56 AM	18 Cubic Yards	18
Envirotech Land Farm	043	03/26/2026	10:02 AM	18 Cubic Yards	18
Envirotech Land Farm	044	03/26/2026	10:04 AM	18 Cubic Yards	18
Envirotech Land Farm	045	03/26/2026	10:05 AM	18 Cubic Yards	18
Envirotech Land Farm	046	03/26/2026	10:06 AM	18 Cubic Yards	18
Envirotech Land Farm	047	03/26/2026	11:36 AM	18 Cubic Yards	18
Envirotech Land Farm	048	03/26/2026	11:38 AM	18 Cubic Yards	18
Envirotech Land Farm	049	03/26/2026	11:40 AM	18 Cubic Yards	18
Envirotech Land Farm	050	03/26/2026	11:43 AM	18 Cubic Yards	18
Envirotech Land Farm	051	03/26/2026	12:06 PM	18 Cubic Yards	18

2026 Contaminated Soil Excavation Waste Disposal Records
Former Aerex Refinery, Bloomfield, New Mexico

Disposal Site	Manifest #	Date	Time	Quantity	Quantity Value
Envirotech Land Farm	052	03/26/2026	12:08 PM	18 Cubic Yards	18
Envirotech Land Farm	053	03/26/2026	12:10 PM	18 Cubic Yards	18
Envirotech Land Farm	054	03/26/2026	12:38 PM	18 Cubic Yards	18
Envirotech Land Farm	055	03/26/2026	1:08 PM	18 Cubic Yards	18
Envirotech Land Farm	056	03/26/2026	1:21 PM	18 Cubic Yards	18
Envirotech Land Farm	057	03/26/2026	1:24 PM	18 Cubic Yards	18
Envirotech Land Farm	058	03/26/2026	1:26 PM	18 Cubic Yards	18
Envirotech Land Farm	059	03/26/2026	2:00 PM	18 Cubic Yards	18
Envirotech Land Farm	060	03/26/2026	2:02 PM	18 Cubic Yards	18
Envirotech Land Farm	061	03/26/2026	2:04 PM	18 Cubic Yards	18
Envirotech Land Farm	062	03/26/2026	2:47 PM	18 Cubic Yards	18
Envirotech Land Farm	063	03/26/2026	2:50 PM	18 Cubic Yards	18
Envirotech Land Farm	064	03/26/2026	2:58 PM	18 Cubic Yards	18
Envirotech Land Farm	065	03/26/2026	3:00 PM	18 Cubic Yards	18
Envirotech Land Farm	066	03/26/2026	3:02 PM	18 Cubic Yards	18
Envirotech Land Farm	067	03/26/2026	3:10 PM	18 Cubic Yards	18
Envirotech Land Farm	068	03/26/2026	3:12 PM	18 Cubic Yards	18
Envirotech Land Farm	069	03/26/2026	3:21 PM	18 Cubic Yards	18
Envirotech Land Farm	070	03/27/2026	7:00 AM	18 Cubic Yards	18
Envirotech Land Farm	071	03/27/2026	7:02 AM	18 Cubic Yards	18
Envirotech Land Farm	072	03/27/2026	7:04 AM	18 Cubic Yards	18
Envirotech Land Farm	073	03/27/2026	7:06 AM	18 Cubic Yards	18
Envirotech Land Farm	074	03/27/2026	7:08 AM	18 Cubic Yards	18
Envirotech Land Farm	075	03/27/2026	7:15 AM	18 Cubic Yards	18
Envirotech Land Farm	076	03/27/2026	7:23 AM	18 Cubic Yards	18
Envirotech Land Farm	077	03/27/2026	7:31 AM	18 Cubic Yards	18
Envirotech Land Farm	078	03/27/2026	9:23 AM	18 Cubic Yards	18
Envirotech Land Farm	079	03/27/2026	9:26 AM	18 Cubic Yards	18
Envirotech Land Farm	080	03/27/2026	9:28 AM	18 Cubic Yards	18
Envirotech Land Farm	081	03/27/2026	9:40 AM	18 Cubic Yards	18
Envirotech Land Farm	082	03/27/2026	9:42 AM	18 Cubic Yards	18
Envirotech Land Farm	083	03/27/2026	9:44 AM	18 Cubic Yards	18
Envirotech Land Farm	084	03/27/2026	9:45 AM	18 Cubic Yards	18
Envirotech Land Farm	085	03/27/2026	9:48 AM	18 Cubic Yards	18
Envirotech Land Farm	086	03/27/2026	11:00 AM	18 Cubic Yards	18
Envirotech Land Farm	087	03/27/2026	11:02 AM	18 Cubic Yards	18
Envirotech Land Farm	088	03/27/2026	11:04 AM	18 Cubic Yards	18
Envirotech Land Farm	089	03/27/2026	11:24 AM	18 Cubic Yards	18
Envirotech Land Farm	090	03/27/2026	11:30 AM	18 Cubic Yards	18
Envirotech Land Farm	091	03/27/2026	11:38 AM	18 Cubic Yards	18
Envirotech Land Farm	092	03/27/2026	11:40 AM	18 Cubic Yards	18
Envirotech Land Farm	093	03/27/2026	11:42 AM	18 Cubic Yards	18
Envirotech Land Farm	094	03/30/2026	11:58 AM	18 Cubic Yards	18
Envirotech Land Farm	095	03/30/2026	11:59 AM	18 Cubic Yards	18
Envirotech Land Farm	096	03/30/2026	12:00 PM	18 Cubic Yards	18
Envirotech Land Farm	097	03/30/2026	12:42 PM	18 Cubic Yards	18
Envirotech Land Farm	098	03/30/2026	12:46 PM	18 Cubic Yards	18
Envirotech Land Farm	099	03/30/2026	1:00 PM	18 Cubic Yards	18
Envirotech Land Farm	100	03/30/2026	1:02 PM	18 Cubic Yards	18
Envirotech Land Farm	101	03/30/2026	1:25 PM	18 Cubic Yards	18
Envirotech Land Farm	102	03/30/2026	2:02 PM	18 Cubic Yards	18

2026 Contaminated Soil Excavation Waste Disposal Records
Former Aerex Refinery, Bloomfield, New Mexico

Disposal Site	Manifest #	Date	Time	Quantity	Quantity Value
Envirotech Land Farm	103	03/30/2026	2:05 PM	18 Cubic Yards	18
Envirotech Land Farm	104	03/30/2026	2:44 PM	18 Cubic Yards	18
Envirotech Land Farm	105	03/30/2026	3:00 PM	18 Cubic Yards	18
Envirotech Land Farm	106	03/30/2026	3:10 PM	18 Cubic Yards	18
Envirotech Land Farm	107	03/30/2026	3:15 PM	18 Cubic Yards	18
Envirotech Land Farm	108	03/30/2026	3:20 PM	18 Cubic Yards	18
Envirotech Land Farm	109	03/30/2026	3:25 PM	18 Cubic Yards	18
Envirotech Land Farm	110	03/30/2026	3:40 PM	18 Cubic Yards	18
Envirotech Land Farm	111	03/31/2026	6:53 AM	18 Cubic Yards	18
Envirotech Land Farm	112	03/31/2026	6:55 AM	18 Cubic Yards	18
Envirotech Land Farm	113	03/31/2026	6:58 AM	18 Cubic Yards	18
Envirotech Land Farm	114	03/31/2026	7:00 AM	18 Cubic Yards	18
Envirotech Land Farm	115	03/31/2026	7:02 AM	18 Cubic Yards	18
Envirotech Land Farm	116	03/31/2026	7:04 AM	18 Cubic Yards	18
Envirotech Land Farm	117	03/31/2026	7:15 AM	18 Cubic Yards	18
Envirotech Land Farm	118	03/31/2026	9:00 AM	18 Cubic Yards	18
Envirotech Land Farm	119	03/31/2026	9:12 AM	18 Cubic Yards	18
Envirotech Land Farm	120	03/31/2026	9:20 AM	18 Cubic Yards	18
Envirotech Land Farm	121	03/31/2026	9:25 AM	18 Cubic Yards	18
Envirotech Land Farm	122	03/31/2026	9:29 AM	18 Cubic Yards	18
Envirotech Land Farm	123	03/31/2026	9:36 AM	18 Cubic Yards	18
Envirotech Land Farm	124	03/31/2026	9:37 AM	18 Cubic Yards	18
Envirotech Land Farm	125	03/31/2026	9:44 AM	18 Cubic Yards	18
Envirotech Land Farm	126	03/31/2026	9:46 AM	18 Cubic Yards	18
Envirotech Land Farm	127	03/31/2026	10:45 AM	18 Cubic Yards	18
Envirotech Land Farm	128	03/31/2026	11:04 AM	18 Cubic Yards	18
Envirotech Land Farm	129	03/31/2026	11:22 AM	18 Cubic Yards	18
Envirotech Land Farm	130	03/31/2026	11:38 AM	18 Cubic Yards	18
Envirotech Land Farm	131	03/31/2026	11:41 AM	18 Cubic Yards	18
Envirotech Land Farm	132	03/31/2026	11:53 AM	18 Cubic Yards	18
Envirotech Land Farm	133	03/31/2026	11:59 AM	18 Cubic Yards	18
Envirotech Land Farm	134	03/31/2026	12:28 PM	18 Cubic Yards	18
Envirotech Land Farm	135	03/31/2026	12:45 PM	18 Cubic Yards	18
Envirotech Land Farm	136	03/31/2026	12:55 PM	18 Cubic Yards	18
Envirotech Land Farm	137	03/31/2026	1:09 PM	18 Cubic Yards	18
Envirotech Land Farm	138	03/31/2026	1:41 PM	18 Cubic Yards	18
Envirotech Land Farm	139	03/31/2026	1:43 PM	18 Cubic Yards	18
Envirotech Land Farm	140	03/31/2026	1:55 PM	18 Cubic Yards	18
Envirotech Land Farm	141	03/31/2026	2:11 PM	18 Cubic Yards	18
Envirotech Land Farm	142	03/31/2026	2:21 PM	18 Cubic Yards	18
Envirotech Land Farm	143	03/31/2026	2:42 PM	18 Cubic Yards	18
Envirotech Land Farm	144	03/31/2026	2:54 PM	18 Cubic Yards	18
Envirotech Land Farm	145	03/31/2026	3:02 PM	18 Cubic Yards	18
Envirotech Land Farm	146	03/31/2026	3:08 PM	18 Cubic Yards	18
Envirotech Land Farm	147	03/31/2026	3:17 PM	18 Cubic Yards	18
Envirotech Land Farm	148	03/31/2026	3:51 PM	18 Cubic Yards	18
Envirotech Land Farm	149	04/02/2026	6:53 AM	18 Cubic Yards	18
Envirotech Land Farm	150	04/02/2026	6:55 AM	18 Cubic Yards	18
Envirotech Land Farm	151	04/02/2026	6:56 AM	18 Cubic Yards	18
Envirotech Land Farm	152	04/02/2026	6:57 AM	18 Cubic Yards	18
Envirotech Land Farm	153	04/02/2026	6:59 AM	18 Cubic Yards	18

2026 Contaminated Soil Excavation Waste Disposal Records
Former Aerex Refinery, Bloomfield, New Mexico

Disposal Site	Manifest #	Date	Time	Quantity	Quantity Value
Envirotech Land Farm	154	04/02/2026	7:00 AM	18 Cubic Yards	18
Envirotech Land Farm	155	04/02/2026	7:01 AM	18 Cubic Yards	18
Envirotech Land Farm	156	04/02/2026	7:02 AM	18 Cubic Yards	18
Envirotech Land Farm	157	04/02/2026	8:53 AM	18 Cubic Yards	18
Envirotech Land Farm	158	04/02/2026	8:54 AM	18 Cubic Yards	18
Envirotech Land Farm	159	04/02/2026	9:02 AM	18 Cubic Yards	18
Envirotech Land Farm	160	04/02/2026	9:05 AM	18 Cubic Yards	18
Envirotech Land Farm	161	04/02/2026	9:08 AM	18 Cubic Yards	18
Envirotech Land Farm	162	04/02/2026	9:13 AM	18 Cubic Yards	18
Envirotech Land Farm	163	04/02/2026	9:37 AM	18 Cubic Yards	18
Envirotech Land Farm	164	04/02/2026	9:55 AM	18 Cubic Yards	18
Envirotech Land Farm	165	04/02/2026	10:34 AM	18 Cubic Yards	18
Envirotech Land Farm	166	04/02/2026	10:43 AM	18 Cubic Yards	18
Envirotech Land Farm	167	04/02/2026	11:09 AM	18 Cubic Yards	18
Envirotech Land Farm	168	04/02/2026	11:10 AM	18 Cubic Yards	18
Envirotech Land Farm	169	04/02/2026	11:21 AM	18 Cubic Yards	18
Envirotech Land Farm	170	04/02/2026	11:28 AM	18 Cubic Yards	18
Envirotech Land Farm	171	04/02/2026	11:36 AM	18 Cubic Yards	18
Envirotech Land Farm	172	04/02/2026	12:41 PM	18 Cubic Yards	18
Envirotech Land Farm	173	04/02/2026	12:42 PM	18 Cubic Yards	18
Envirotech Land Farm	174	04/02/2026	12:42 PM	18 Cubic Yards	18
Envirotech Land Farm	175	04/02/2026	1:11 PM	18 Cubic Yards	18
Envirotech Land Farm	176	04/02/2026	1:29 PM	18 Cubic Yards	18
Envirotech Land Farm	177	04/02/2026	1:36 PM	18 Cubic Yards	18
Envirotech Land Farm	178	04/02/2026	1:37 PM	18 Cubic Yards	18
Envirotech Land Farm	179	04/02/2026	1:38 PM	18 Cubic Yards	18
Envirotech Land Farm	180	04/02/2026	2:57 PM	18 Cubic Yards	18
Envirotech Land Farm	181	04/02/2026	2:58 PM	18 Cubic Yards	18
Envirotech Land Farm	182	04/02/2026	3:29 PM	18 Cubic Yards	18
Envirotech Land Farm	183	04/02/2026	3:30 PM	18 Cubic Yards	18
Envirotech Land Farm	184	04/02/2026	3:39 PM	18 Cubic Yards	18
Envirotech Land Farm	185	04/02/2026	3:40 PM	18 Cubic Yards	18
Envirotech Land Farm	186	04/02/2026	3:50 PM	18 Cubic Yards	18
Envirotech Land Farm	187	04/02/2026	3:52 PM	18 Cubic Yards	18
Envirotech Land Farm	188	04/03/2026	6:51 AM	18 Cubic Yards	18
Envirotech Land Farm	189	04/03/2026	6:53 AM	18 Cubic Yards	18
Envirotech Land Farm	190	04/03/2026	6:50 AM	18 Cubic Yards	18
Envirotech Land Farm	191	04/03/2026	7:00 AM	18 Cubic Yards	18
Envirotech Land Farm	192	04/03/2026	7:04 AM	18 Cubic Yards	18
Envirotech Land Farm	193	04/03/2026	7:10 AM	18 Cubic Yards	18
Envirotech Land Farm	194	04/03/2026	9:18 AM	18 Cubic Yards	18
Envirotech Land Farm	195	04/03/2026	9:25 AM	18 Cubic Yards	18
Envirotech Land Farm	196	04/03/2026	9:28 AM	18 Cubic Yards	18
Envirotech Land Farm	197	04/03/2026	9:30 AM	18 Cubic Yards	18
Envirotech Land Farm	198	04/03/2026	9:35 AM	18 Cubic Yards	18
Envirotech Land Farm	199	04/03/2026	9:45 AM	18 Cubic Yards	18
Envirotech Land Farm	200	04/03/2026	9:47 AM	18 Cubic Yards	18
Envirotech Land Farm	201	04/08/2026	9:35 AM	18 Cubic Yards	18
Envirotech Land Farm	202	04/08/2026	9:36 AM	18 Cubic Yards	18
Envirotech Land Farm	203	04/08/2026	9:37 AM	18 Cubic Yards	18
Envirotech Land Farm	204	04/08/2026	9:39 AM	18 Cubic Yards	18

2026 Contaminated Soil Excavation Waste Disposal Records
Former Aerex Refinery, Bloomfield, New Mexico

Disposal Site	Manifest #	Date	Time	Quantity	Quantity Value
Envirotech Land Farm	205	04/08/2026	9:40 AM	18 Cubic Yards	18
Envirotech Land Farm	206	04/08/2026	10:48 AM	18 Cubic Yards	18
Envirotech Land Farm	207	04/08/2026	11:53 AM	18 Cubic Yards	18
Envirotech Land Farm	208	04/08/2026	11:56 AM	18 Cubic Yards	18
Envirotech Land Farm	209	04/08/2026	12:07 PM	18 Cubic Yards	18
Envirotech Land Farm	210	04/08/2026	12:12 PM	18 Cubic Yards	18
Envirotech Land Farm	211	04/08/2026	12:54 PM	18 Cubic Yards	18
Envirotech Land Farm	212	04/08/2026	12:54 PM	18 Cubic Yards	18
Envirotech Land Farm	213	04/08/2026	12:54 PM	18 Cubic Yards	18
Envirotech Land Farm	214	04/08/2026	12:54 PM	18 Cubic Yards	18
Envirotech Land Farm	215	04/08/2026	2:44 PM	18 Cubic Yards	18
Envirotech Land Farm	216	04/08/2026	3:30 PM	18 Cubic Yards	18
Envirotech Land Farm	217	04/08/2026	3:30 PM	18 Cubic Yards	18
Envirotech Land Farm	218	04/08/2026	3:30 PM	18 Cubic Yards	18
Envirotech Land Farm	219	04/08/2026	3:30 PM	18 Cubic Yards	18
Envirotech Land Farm	220	04/08/2026	3:35 PM	18 Cubic Yards	18
Envirotech Land Farm	221	04/08/2026	3:40 PM	18 Cubic Yards	18
Envirotech Land Farm	222	04/08/2026	3:50 PM	18 Cubic Yards	18
Envirotech Land Farm	223	04/08/2026	3:55 PM	18 Cubic Yards	18
Envirotech Land Farm	224	04/09/2026	6:30 AM	18 Cubic Yards	18
Envirotech Land Farm	225	04/09/2026	6:40 AM	18 Cubic Yards	18
Envirotech Land Farm	226	04/09/2026	6:50 AM	18 Cubic Yards	18
Envirotech Land Farm	227	04/09/2026	7:00 AM	18 Cubic Yards	18
Envirotech Land Farm	228	04/09/2026	7:10 AM	18 Cubic Yards	18
Envirotech Land Farm	229	04/09/2026	7:20 AM	18 Cubic Yards	18
Envirotech Land Farm	230	04/09/2026	9:20 AM	18 Cubic Yards	18
Envirotech Land Farm	231	04/09/2026	9:30 AM	18 Cubic Yards	18
Envirotech Land Farm	232	04/09/2026	9:35 AM	18 Cubic Yards	18
Envirotech Land Farm	233	04/09/2026	9:45 AM	18 Cubic Yards	18
Envirotech Land Farm	234	04/09/2026	9:50 AM	18 Cubic Yards	18
Envirotech Land Farm	235	04/09/2026	10:00 AM	18 Cubic Yards	18
Envirotech Land Farm	236	04/09/2026	11:40 AM	18 Cubic Yards	18
Envirotech Land Farm	237	04/09/2026	11:50 AM	18 Cubic Yards	18
Envirotech Land Farm	238	04/09/2026	11:55 AM	18 Cubic Yards	18
Envirotech Land Farm	239	04/09/2026	12:00 PM	18 Cubic Yards	18
Envirotech Land Farm	240	04/09/2026	12:05 PM	18 Cubic Yards	18
Envirotech Land Farm	241	04/09/2026	12:10 PM	18 Cubic Yards	18
Envirotech Land Farm	242	04/09/2026	1:45 PM	18 Cubic Yards	18
Envirotech Land Farm	243	04/09/2026	1:55 PM	18 Cubic Yards	18
Envirotech Land Farm	244	04/09/2026	3:35 PM	18 Cubic Yards	18
Envirotech Land Farm	245	04/09/2026	2:00 PM	18 Cubic Yards	18
Envirotech Land Farm	246	04/09/2026	2:05 PM	18 Cubic Yards	18
Envirotech Land Farm	247	04/10/2026	6:30 AM	18 Cubic Yards	18
Envirotech Land Farm	248	04/09/2026	2:15 PM	18 Cubic Yards	18
Envirotech Land Farm	249	04/09/2026	3:15 PM	18 Cubic Yards	18
Envirotech Land Farm	250	04/09/2026	3:25 PM	18 Cubic Yards	18
Envirotech Land Farm	251	04/10/2026	6:40 AM	18 Cubic Yards	18
Envirotech Land Farm	252	04/10/2026	6:45 AM	18 Cubic Yards	18
Envirotech Land Farm	253	04/10/2026	6:50 AM	18 Cubic Yards	18
Envirotech Land Farm	254	04/10/2026	6:55 AM	18 Cubic Yards	18
Envirotech Land Farm	255	04/10/2026	7:00 AM	18 Cubic Yards	18

2026 Contaminated Soil Excavation Waste Disposal Records
Former Aerex Refinery, Bloomfield, New Mexico

Disposal Site	Manifest #	Date	Time	Quantity	Quantity Value
Envirotech Land Farm	256	04/10/2026	9:00 AM	18 Cubic Yards	18
Envirotech Land Farm	257	04/10/2026	9:05 AM	18 Cubic Yards	18
Envirotech Land Farm	258	04/10/2026	9:10 AM	18 Cubic Yards	18
Envirotech Land Farm	259	04/10/2026	9:15 AM	18 Cubic Yards	18
Envirotech Land Farm	260	04/10/2026	9:20 AM	18 Cubic Yards	18
Envirotech Land Farm	261	04/10/2026	9:25 AM	18 Cubic Yards	18
Envirotech Land Farm	262	04/10/2026	9:50 AM	18 Cubic Yards	18
Envirotech Land Farm	263	04/10/2026	10:00 AM	18 Cubic Yards	18
Envirotech Land Farm	264	04/10/2026	10:10 AM	18 Cubic Yards	18
Envirotech Land Farm	265	04/10/2026	10:20 AM	18 Cubic Yards	18
Envirotech Land Farm	266	04/10/2026	10:25 AM	18 Cubic Yards	18
Envirotech Land Farm	267	04/10/2026	10:35 AM	18 Cubic Yards	18
Envirotech Land Farm	268	04/10/2026	10:45 AM	18 Cubic Yards	18
Envirotech Land Farm	269	04/10/2026	10:55 AM	18 Cubic Yards	18
Envirotech Land Farm	270	04/10/2026	11:00 AM	18 Cubic Yards	18
Envirotech Land Farm	271	04/13/2026	9:50 AM	18 Cubic Yards	18
Envirotech Land Farm	272	04/13/2026	10:50 AM	18 Cubic Yards	18
Envirotech Land Farm	273	04/13/2026	11:50 AM	18 Cubic Yards	18
Envirotech Land Farm	274	04/13/2026	12:50 PM	18 Cubic Yards	18
Envirotech Land Farm	275	04/13/2026	1:50 PM	18 Cubic Yards	18
Envirotech Land Farm	276	04/13/2026	2:50 PM	18 Cubic Yards	18
Envirotech Land Farm	277	04/13/2026	3:50 PM	18 Cubic Yards	18
Envirotech Land Farm	278	04/14/2026	7:00 AM	18 Cubic Yards	18
Envirotech Land Farm	279	04/14/2026	8:15 AM	18 Cubic Yards	18
Envirotech Land Farm	280	04/14/2026	9:20 AM	18 Cubic Yards	18
Envirotech Land Farm	281	04/14/2026	10:25 AM	18 Cubic Yards	18
Envirotech Land Farm	282	04/14/2026	11:20 AM	18 Cubic Yards	18
Envirotech Land Farm	283	04/14/2026	12:25 PM	18 Cubic Yards	18
Envirotech Land Farm	284	04/14/2026	1:30 PM	18 Cubic Yards	18
Envirotech Land Farm	285	04/14/2026	2:25 PM	18 Cubic Yards	18
Envirotech Land Farm	286	04/14/2026	3:25 PM	18 Cubic Yards	18
Envirotech Land Farm	287	04/15/2026	7:00 AM	18 Cubic Yards	18
Envirotech Land Farm	288	04/15/2026	8:15 AM	18 Cubic Yards	18
Envirotech Land Farm	289	04/15/2026	9:20 AM	18 Cubic Yards	18
Envirotech Land Farm	290	04/15/2026	10:30 AM	18 Cubic Yards	18
Envirotech Land Farm	291	04/15/2026	11:30 AM	18 Cubic Yards	18
Envirotech Land Farm	292	04/15/2026	12:40 PM	18 Cubic Yards	18
Envirotech Land Farm	293	04/15/2026	1:50 PM	18 Cubic Yards	18
Envirotech Land Farm	294	04/15/2026	2:50 PM	18 Cubic Yards	18
Envirotech Land Farm	295	04/15/2026	3:50 PM	18 Cubic Yards	18
Envirotech Land Farm	296	04/16/2026	6:55 AM	18 Cubic Yards	18
Envirotech Land Farm	297	04/16/2026	8:05 AM	18 Cubic Yards	18
Envirotech Land Farm	298	04/16/2026	9:05 AM	18 Cubic Yards	18
Envirotech Land Farm	299	04/16/2026	10:10 AM	18 Cubic Yards	18
Envirotech Land Farm	300	04/16/2026	11:10 AM	18 Cubic Yards	18
Envirotech Land Farm	301	04/16/2026	2:22 PM	18 Cubic Yards	18
Envirotech Land Farm	302	04/16/2026	3:20 PM	18 Cubic Yards	18
Envirotech Land Farm	303	04/17/2026	6:45 PM	18 Cubic Yards	18
Envirotech Land Farm	304	04/17/2026	8:00 AM	18 Cubic Yards	18
Envirotech Land Farm	305	04/17/2026	9:20 AM	18 Cubic Yards	18
Envirotech Land Farm	306	04/17/2026	10:20 AM	18 Cubic Yards	18

2026 Contaminated Soil Excavation Waste Disposal Records
Former Aerex Refinery, Bloomfield, New Mexico

Disposal Site	Manifest #	Date	Time	Quantity	Quantity Value
Envirotech Land Farm	307	04/17/2026	11:20 AM	18 Cubic Yards	18
Envirotech Land Farm	308	04/20/2026	9:38 AM	18 Cubic Yards	18
Envirotech Land Farm	309	04/20/2026	10:00 AM	18 Cubic Yards	18
Envirotech Land Farm	310	04/20/2026	10:41 AM	18 Cubic Yards	18
Envirotech Land Farm	311	04/20/2026	11:13 AM	18 Cubic Yards	18
Envirotech Land Farm	312	04/20/2026	11:48 AM	18 Cubic Yards	18
Envirotech Land Farm	313	04/20/2026	12:14 PM	18 Cubic Yards	18
Envirotech Land Farm	314	04/20/2026	1:19 PM	18 Cubic Yards	18
Envirotech Land Farm	315	04/20/2026	1:31 PM	18 Cubic Yards	18
Envirotech Land Farm	316	04/20/2026	2:23 PM	18 Cubic Yards	18
Envirotech Land Farm	317	04/20/2026	2:46 PM	18 Cubic Yards	18
Envirotech Land Farm	318	04/20/2026	3:25 PM	18 Cubic Yards	18
Envirotech Land Farm	319	04/20/2026	3:49 PM	18 Cubic Yards	18
Envirotech Land Farm	320	04/21/2026	6:50 AM	18 Cubic Yards	18
Envirotech Land Farm	321	04/21/2026	6:51 AM	18 Cubic Yards	18
Envirotech Land Farm	322	04/21/2026	8:32 AM	18 Cubic Yards	18
Envirotech Land Farm	323	04/21/2026	8:39 AM	18 Cubic Yards	18
Envirotech Land Farm	324	04/21/2026	9:35 AM	18 Cubic Yards	18
Envirotech Land Farm	325	04/21/2026	9:44 AM	18 Cubic Yards	18
Envirotech Land Farm	326	04/21/2026	10:48 AM	18 Cubic Yards	18
Envirotech Land Farm	327	04/21/2026	11:33 AM	18 Cubic Yards	18
Envirotech Land Farm	328	04/21/2026	12:29 PM	18 Cubic Yards	18
Envirotech Land Farm	329	04/21/2026	12:42 PM	18 Cubic Yards	18
Envirotech Land Farm	330	04/21/2026	1:47 PM	18 Cubic Yards	18
Envirotech Land Farm	331	04/21/2026	1:58 PM	18 Cubic Yards	18
Envirotech Land Farm	332	04/21/2026	2:59 PM	18 Cubic Yards	18
Envirotech Land Farm	333	04/21/2026	3:14 PM	18 Cubic Yards	18

Date	Tonnage	Loads
Envirotech Land Farm	**5,994**	**333**
03/25/2026	540	30
03/26/2026	702	39
03/27/2026	432	24
03/30/2026	306	17
03/31/2026	684	38
04/02/2026	702	39
04/03/2026	234	13
04/08/2026	414	23
04/09/2026	468	26
04/10/2026	378	21
04/13/2026	126	7
04/14/2026	162	9
04/15/2026	162	9
04/16/2026	126	7
04/17/2026	90	5
04/20/2026	216	12
04/21/2026	252	14
Grand Total	**5,994**	**333**

Appendix D

Laboratory Reports

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mike McVey
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 4/9/2026 3:18:13 PM

JOB DESCRIPTION

Aerex Refinery, Bloomfield

JOB NUMBER

885-46582-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

myEOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)338-8837

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Definitions/Glossary

Client: EA Engineering
Job ID: 885-46582-1
Project/Site: Aerex Refinery, Bloomfield

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 885-46582-1 — Eurofins Albuquerque

Job Narrative
885-46582-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/3/2026 3:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 16.7°C.

Receipt Exceptions
The following samples were received at the laboratory outside the required temperature criteria: OV-18 (885-46582-1) and OV-19 (885-46582-2). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: EA Engineering
Job ID: 885-46582-1
Project/Site: Aerex Refinery, Bloomfield

Client Sample ID: OV-18
Lab Sample ID: 885-46582-1
Date Collected: 03/30/26 14:17
Matrix: Solid
Date Received: 04/03/26 15:20

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/07/26 10:30	04/08/26 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*04/07/26 10:30*	*04/08/26 13:24*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**550**		9.7		mg/Kg		04/07/26 11:41	04/07/26 12:28	1
Motor Oil Range Organics [C28-C40]	**570**		48		mg/Kg		04/07/26 11:41	04/07/26 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*83*		*62 - 134*	*04/07/26 11:41*	*04/07/26 12:28*	*1*

Client Sample Results

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46582-1

Client Sample ID: OV-19

Date Collected: 03/30/26 15:54
Date Received: 04/03/26 15:20

Lab Sample ID: 885-46582-2

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.1		mg/Kg		04/07/26 10:30	04/08/26 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*04/07/26 10:30*	*04/08/26 13:46*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**360**		10		mg/Kg		04/07/26 11:41	04/07/26 13:02	1
Motor Oil Range Organics [C28-C40]	**460**		50		mg/Kg		04/07/26 11:41	04/07/26 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*04/07/26 11:41*	*04/07/26 13:02*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-46263/1-A
Matrix: Solid
Analysis Batch: 46340

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46263

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/07/26 10:30	04/08/26 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*04/07/26 10:30*	*04/08/26 13:02*	*1*

Lab Sample ID: LCS 885-46263/2-A
Matrix: Solid
Analysis Batch: 46340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46263

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	22.0		mg/Kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*192*		*15 - 150*

Lab Sample ID: 885-46582-1 MS
Matrix: Solid
Analysis Batch: 46340

Client Sample ID: OV-18
Prep Type: Total/NA
Prep Batch: 46263

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		25.0	23.2		mg/Kg		93	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*195*		*15 - 150*

Lab Sample ID: 885-46582-1 MSD
Matrix: Solid
Analysis Batch: 46340

Client Sample ID: OV-18
Prep Type: Total/NA
Prep Batch: 46263

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		25.0	20.7		mg/Kg		83	70 - 130	12	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*187*		*15 - 150*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-46226/1-A
Matrix: Solid
Analysis Batch: 46241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46226

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/07/26 08:45	04/07/26 11:02	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/07/26 08:45	04/07/26 11:02	1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-46226/1-A
Matrix: Solid
Analysis Batch: 46241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46226

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134	04/07/26 08:45	04/07/26 11:02	1

Lab Sample ID: LCS 885-46226/2-A
Matrix: Solid
Analysis Batch: 46241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46226

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	47.7		mg/Kg		95	51 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	86		62 - 134

QC Association Summary

Client: EA Engineering
Job ID: 885-46582-1
Project/Site: Aerex Refinery, Bloomfield

GC VOA

Prep Batch: 46263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46582-1	OV-18	Total/NA	Solid	5030C	
885-46582-2	OV-19	Total/NA	Solid	5030C	
MB 885-46263/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-46263/2-A	Lab Control Sample	Total/NA	Solid	5030C	
885-46582-1 MS	OV-18	Total/NA	Solid	5030C	
885-46582-1 MSD	OV-18	Total/NA	Solid	5030C	

Analysis Batch: 46340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46582-1	OV-18	Total/NA	Solid	8015D	46263
885-46582-2	OV-19	Total/NA	Solid	8015D	46263
MB 885-46263/1-A	Method Blank	Total/NA	Solid	8015D	46263
LCS 885-46263/2-A	Lab Control Sample	Total/NA	Solid	8015D	46263
885-46582-1 MS	OV-18	Total/NA	Solid	8015D	46263
885-46582-1 MSD	OV-18	Total/NA	Solid	8015D	46263

GC Semi VOA

Prep Batch: 46226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46582-1	OV-18	Total/NA	Solid	SHAKE	
885-46582-2	OV-19	Total/NA	Solid	SHAKE	
MB 885-46226/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-46226/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 46237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46582-1	OV-18	Total/NA	Solid	8015D	46226
885-46582-2	OV-19	Total/NA	Solid	8015D	46226

Analysis Batch: 46241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-46226/1-A	Method Blank	Total/NA	Solid	8015D	46226
LCS 885-46226/2-A	Lab Control Sample	Total/NA	Solid	8015D	46226

Lab Chronicle

Client: EA Engineering
Job ID: 885-46582-1
Project/Site: Aerex Refinery, Bloomfield

Client Sample ID: OV-18
Lab Sample ID: 885-46582-1
Date Collected: 03/30/26 14:17
Matrix: Solid
Date Received: 04/03/26 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			46263	CM	EET ALB	04/07/26 10:30
Total/NA	Analysis	8015D		1	46340	AT	EET ALB	04/08/26 13:24
Total/NA	Prep	SHAKE			46226	DR	EET ALB	04/07/26 11:41
Total/NA	Analysis	8015D		1	46237	EM	EET ALB	04/07/26 12:28

Client Sample ID: OV-19
Lab Sample ID: 885-46582-2
Date Collected: 03/30/26 15:54
Matrix: Solid
Date Received: 04/03/26 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			46263	CM	EET ALB	04/07/26 10:30
Total/NA	Analysis	8015D		1	46340	AT	EET ALB	04/08/26 13:46
Total/NA	Prep	SHAKE			46226	DR	EET ALB	04/07/26 11:41
Total/NA	Analysis	8015D		1	46237	EM	EET ALB	04/07/26 13:02

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Job ID: 885-46582-1
Project/Site: Aerex Refinery, Bloomfield

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]

Oregon	NELAP	NM100001	02-25-27

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave, SW, #1300, Albuquerque, 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 3-day

Project Name: Aerex Refinery, Bloomfield

Project #: 16493

Project Manager: Mike Mcvey

Sampler: Esteban Rodriguez

On Ice: ☐ Yes ☒ No

of Coolers: 1

Cooler Temp (Including CF): 10.5+0.2=10.7°C

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www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

885-46562 COC

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 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
3-30-26	1417	SOIL	OV-19	1x 4oz	NONE			X								
↓	1554	↓	OV-19	↓	↓			↓								

Date	Time	Relinquished by:	Received by:	Via	Date	Time
4-3-26	1520	E. Rodriguez		COC	4-3-26	1520
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks: Temp approved

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.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-46582-1

Login Number: 46582

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mike McVey
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 4/16/2026 10:47:27 AM

JOB DESCRIPTION

Aerex Refinery, Bloomfield

JOB NUMBER

885-46684-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

myEOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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4/16/2026 10:47:27 AM

Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)338-8837

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Definitions/Glossary

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 885-46684-1 — Eurofins Albuquerque

Job Narrative
885-46684-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/3/2026 3:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D: The following samples were diluted due to abundance of target: Floor-02 (885-46684-2), Floor-06 (885-46684-3), Floor-09 (885-46684-4), SWU-01 (885-46684-6) and SWU-02 (885-46684-7). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-312129 and analytical batch 860-312607 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: Floor-03

Date Collected: 03/31/26 11:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-1

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,1,1-Trichloroethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,1,2,2-Tetrachloroethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,1,2-Trichloroethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,1-Dichloroethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,1-Dichloroethene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,1-Dichloropropene	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,2,3-Trichlorobenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,2,3-Trichloropropane	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,2,4-Trichlorobenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,2,4-Trimethylbenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,2-Dibromo-3-Chloropropane	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,2-Dibromoethane (EDB)	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,2-Dichlorobenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,2-Dichloroethane (EDC)	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,2-Dichloropropane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,3,5-Trimethylbenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,3-Dichlorobenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,3-Dichloropropane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1,4-Dichlorobenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
1-Methylnaphthalene	ND		0.082		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
2,2-Dichloropropane	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
2-Butanone	ND		0.21		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
2-Chlorotoluene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
2-Hexanone	ND		0.21		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
2-Methylnaphthalene	ND		0.082		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
4-Chlorotoluene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
4-Isopropyltoluene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
4-Methyl-2-pentanone	ND		0.21		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Acetone	ND		0.31		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Benzene	ND		0.010		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Bromobenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Bromodichloromethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Dibromochloromethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Bromoform	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Bromomethane	ND		0.31		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Carbon disulfide	ND		0.21		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Carbon tetrachloride	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Chlorobenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Chloroethane	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Chloroform	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Chloromethane	ND		0.21		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
cis-1,2-Dichloroethene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
cis-1,3-Dichloropropene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Dibromomethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Dichlorodifluoromethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Ethylbenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Hexachlorobutadiene	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Isopropylbenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1

Client Sample ID: Floor-03

Date Collected: 03/31/26 11:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-1

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Methylene Chloride	ND		0.062		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
n-Butylbenzene	ND		0.062		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
N-Propylbenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Naphthalene	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
sec-Butylbenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Styrene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
tert-Butylbenzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Tetrachloroethene (PCE)	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Toluene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
trans-1,2-Dichloroethene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
trans-1,3-Dichloropropene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Trichloroethene (TCE)	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Trichlorofluoromethane	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Vinyl chloride	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:11	1
Xylenes, Total	ND		0.041		mg/Kg		04/07/26 15:07	04/11/26 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 147*	*04/07/26 15:07*	*04/11/26 23:11*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*04/07/26 15:07*	*04/11/26 23:11*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/07/26 15:07*	*04/11/26 23:11*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 145*	*04/07/26 15:07*	*04/11/26 23:11*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.1		mg/Kg		04/14/26 16:03	04/14/26 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*04/14/26 16:03*	*04/14/26 23:30*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		04/13/26 08:48	04/13/26 11:13	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/13/26 08:48	04/13/26 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*04/13/26 08:48*	*04/13/26 11:13*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5800**		18		mg/Kg		04/09/26 01:03	04/09/26 19:54	10
Arsenic	**2.2**		1.8		mg/Kg		04/09/26 01:03	04/09/26 19:51	5
Beryllium	ND		0.91		mg/Kg		04/09/26 01:03	04/09/26 19:51	5
Chromium	**3.7**		1.8		mg/Kg		04/09/26 01:03	04/09/26 19:51	5
Cobalt	**3.4**		0.91		mg/Kg		04/09/26 01:03	04/09/26 19:51	5
Iron	**7200**		18		mg/Kg		04/09/26 01:03	04/09/26 19:54	10
Manganese	**150**		0.91		mg/Kg		04/09/26 01:03	04/09/26 19:51	5

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: Floor-02

Date Collected: 04/02/26 14:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-2

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,1,1-Trichloroethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,1,2,2-Tetrachloroethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,1,2-Trichloroethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,1-Dichloroethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,1-Dichloroethene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,1-Dichloropropene	ND		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,2,3-Trichlorobenzene	ND		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,2,3-Trichloropropane	ND		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,2,4-Trichlorobenzene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,2,4-Trimethylbenzene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,2-Dibromo-3-Chloropropane	ND		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,2-Dibromoethane (EDB)	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,2-Dichlorobenzene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,2-Dichloroethane (EDC)	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,2-Dichloropropane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,3,5-Trimethylbenzene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,3-Dichlorobenzene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,3-Dichloropropane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1,4-Dichlorobenzene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
1-Methylnaphthalene	**7.7**		1.7		mg/Kg		04/07/26 15:07	04/14/26 09:32	10
2,2-Dichloropropane	ND		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
2-Butanone	ND		0.43		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
2-Chlorotoluene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
2-Hexanone	ND		0.43		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
2-Methylnaphthalene	**11**		1.7		mg/Kg		04/07/26 15:07	04/14/26 09:32	10
4-Chlorotoluene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
4-Isopropyltoluene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
4-Methyl-2-pentanone	ND		0.43		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Acetone	ND		0.64		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Benzene	ND		0.021		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Bromobenzene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Bromodichloromethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Dibromochloromethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Bromoform	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Bromomethane	ND		0.64		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Carbon disulfide	ND		0.43		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Carbon tetrachloride	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Chlorobenzene	ND		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Chloroethane	ND		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Chloroform	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Chloromethane	ND		0.43		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
cis-1,2-Dichloroethene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
cis-1,3-Dichloropropene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Dibromomethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Dichlorodifluoromethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Ethylbenzene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Hexachlorobutadiene	ND		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Isopropylbenzene	**0.38**		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1

Client Sample ID: Floor-02

Date Collected: 04/02/26 14:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-2

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Methylene Chloride	ND		0.13		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
n-Butylbenzene	**0.53**		0.13		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
N-Propylbenzene	**0.98**		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Naphthalene	**3.7**		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
sec-Butylbenzene	**0.52**		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Styrene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
tert-Butylbenzene	**0.097**		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Tetrachloroethene (PCE)	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Toluene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
trans-1,2-Dichloroethene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
trans-1,3-Dichloropropene	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Trichloroethene (TCE)	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Trichlorofluoromethane	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Vinyl chloride	ND		0.043		mg/Kg		04/07/26 15:07	04/11/26 23:39	1
Xylenes, Total	ND		0.086		mg/Kg		04/07/26 15:07	04/11/26 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 147*	*04/07/26 15:07*	*04/11/26 23:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 147*	*04/07/26 15:07*	*04/14/26 09:32*	*10*
Toluene-d8 (Surr)	*88*		*70 - 130*	*04/07/26 15:07*	*04/11/26 23:39*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*04/07/26 15:07*	*04/14/26 09:32*	*10*
4-Bromofluorobenzene (Surr)	*68*		*62 - 144*	*04/07/26 15:07*	*04/11/26 23:39*	*1*
4-Bromofluorobenzene (Surr)	*125*		*62 - 144*	*04/07/26 15:07*	*04/14/26 09:32*	*10*
Dibromofluoromethane (Surr)	*103*		*73 - 145*	*04/07/26 15:07*	*04/11/26 23:39*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 145*	*04/07/26 15:07*	*04/14/26 09:32*	*10*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**87**		43		mg/Kg		04/14/26 16:03	04/14/26 23:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*		*15 - 150*	*04/14/26 16:03*	*04/14/26 23:53*	*10*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**6500**		190		mg/Kg		04/13/26 08:48	04/13/26 11:09	20
Motor Oil Range Organics [C28-C40]	**3000**		950		mg/Kg		04/13/26 08:48	04/13/26 11:09	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*04/13/26 08:48*	*04/13/26 11:09*	*20*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6400**		18		mg/Kg		04/09/26 01:03	04/09/26 20:01	10
Arsenic	ND		1.8		mg/Kg		04/09/26 01:03	04/09/26 19:58	5
Beryllium	ND		0.91		mg/Kg		04/09/26 01:03	04/09/26 19:58	5
Chromium	**3.9**		1.8		mg/Kg		04/09/26 01:03	04/09/26 19:58	5
Cobalt	**2.9**		0.91		mg/Kg		04/09/26 01:03	04/09/26 19:58	5

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: Floor-02
Date Collected: 04/02/26 14:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-2
Matrix: Solid

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Iron	6900		18		mg/Kg		04/09/26 01:03	04/09/26 20:01	10
Manganese	170		0.91		mg/Kg		04/09/26 01:03	04/09/26 19:58	5

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: Floor-06

Date Collected: 04/02/26 15:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-3

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,1,1-Trichloroethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,1,2,2-Tetrachloroethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,1,2-Trichloroethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,1-Dichloroethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,1-Dichloroethene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,1-Dichloropropene	ND		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,2,3-Trichlorobenzene	ND		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,2,3-Trichloropropane	ND		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,2,4-Trichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,2,4-Trimethylbenzene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,2-Dibromo-3-Chloropropane	ND		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,2-Dibromoethane (EDB)	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,2-Dichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,2-Dichloroethane (EDC)	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,2-Dichloropropane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,3,5-Trimethylbenzene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,3-Dichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,3-Dichloropropane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1,4-Dichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
1-Methylnaphthalene	**3.1**		0.16		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
2,2-Dichloropropane	ND		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
2-Butanone	ND		0.40		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
2-Chlorotoluene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
2-Hexanone	ND		0.40		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
2-Methylnaphthalene	**2.3**		1.6		mg/Kg		04/07/26 15:07	04/14/26 10:00	10
4-Chlorotoluene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
4-Isopropyltoluene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
4-Methyl-2-pentanone	ND		0.40		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Acetone	ND		0.60		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Benzene	ND		0.020		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Bromobenzene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Bromodichloromethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Dibromochloromethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Bromoform	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Bromomethane	ND		0.60		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Carbon disulfide	ND		0.40		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Carbon tetrachloride	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Chlorobenzene	ND		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Chloroethane	ND		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Chloroform	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Chloromethane	ND		0.40		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
cis-1,2-Dichloroethene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
cis-1,3-Dichloropropene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Dibromomethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Dichlorodifluoromethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Ethylbenzene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Hexachlorobutadiene	ND		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Isopropylbenzene	**0.21**		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1

Client Sample ID: Floor-06

Date Collected: 04/02/26 15:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-3

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Methylene Chloride	ND		0.12		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
n-Butylbenzene	**0.24**		0.12		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
N-Propylbenzene	**0.40**		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Naphthalene	**1.7**		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
sec-Butylbenzene	**0.24**		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Styrene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
tert-Butylbenzene	**0.046**		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Tetrachloroethene (PCE)	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Toluene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
trans-1,2-Dichloroethene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
trans-1,3-Dichloropropene	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Trichloroethene (TCE)	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Trichlorofluoromethane	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Vinyl chloride	ND		0.040		mg/Kg		04/07/26 15:07	04/12/26 00:07	1
Xylenes, Total	ND		0.081		mg/Kg		04/07/26 15:07	04/12/26 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 147*	*04/07/26 15:07*	*04/12/26 00:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 147*	*04/07/26 15:07*	*04/14/26 10:00*	*10*
Toluene-d8 (Surr)	*93*		*70 - 130*	*04/07/26 15:07*	*04/12/26 00:07*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*04/07/26 15:07*	*04/14/26 10:00*	*10*
4-Bromofluorobenzene (Surr)	*67*		*62 - 144*	*04/07/26 15:07*	*04/12/26 00:07*	*1*
4-Bromofluorobenzene (Surr)	*104*		*62 - 144*	*04/07/26 15:07*	*04/14/26 10:00*	*10*
Dibromofluoromethane (Surr)	*101*		*73 - 145*	*04/07/26 15:07*	*04/12/26 00:07*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 145*	*04/07/26 15:07*	*04/14/26 10:00*	*10*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**6.2**		4.0		mg/Kg		04/14/26 16:03	04/15/26 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*		*15 - 150*	*04/14/26 16:03*	*04/15/26 14:18*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1800**		98		mg/Kg		04/13/26 08:48	04/13/26 11:20	10
Motor Oil Range Organics [C28-C40]	**890**		490		mg/Kg		04/13/26 08:48	04/13/26 11:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*04/13/26 08:48*	*04/13/26 11:20*	*10*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3000**		9.8		mg/Kg		04/09/26 01:03	04/09/26 20:04	5
Arsenic	ND		2.0		mg/Kg		04/09/26 01:03	04/09/26 20:04	5
Beryllium	ND		0.98		mg/Kg		04/09/26 01:03	04/09/26 20:04	5
Chromium	ND		2.0		mg/Kg		04/09/26 01:03	04/09/26 20:04	5
Cobalt	**2.0**		0.98		mg/Kg		04/09/26 01:03	04/09/26 20:04	5

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: Floor-06
Date Collected: 04/02/26 15:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-3
Matrix: Solid

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Iron	4200		9.8		mg/Kg		04/09/26 01:03	04/09/26 20:04	5
Manganese	130		0.98		mg/Kg		04/09/26 01:03	04/09/26 20:04	5

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: Floor-09

Date Collected: 04/02/26 15:05
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-4

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,1,1-Trichloroethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,1,2,2-Tetrachloroethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,1,2-Trichloroethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,1-Dichloroethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,1-Dichloroethene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,1-Dichloropropene	ND		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,2,3-Trichlorobenzene	ND		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,2,3-Trichloropropane	ND		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,2,4-Trichlorobenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,2,4-Trimethylbenzene	**0.12**		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,2-Dibromo-3-Chloropropane	ND		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,2-Dibromoethane (EDB)	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,2-Dichlorobenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,2-Dichloroethane (EDC)	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,2-Dichloropropane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,3,5-Trimethylbenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,3-Dichlorobenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,3-Dichloropropane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1,4-Dichlorobenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
1-Methylnaphthalene	**1.8**		0.16		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
2,2-Dichloropropane	ND		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
2-Butanone	ND		0.41		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
2-Chlorotoluene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
2-Hexanone	ND		0.41		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
2-Methylnaphthalene	**0.68**		0.16		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
4-Chlorotoluene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
4-Isopropyltoluene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
4-Methyl-2-pentanone	ND		0.41		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Acetone	ND		0.62		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Benzene	ND		0.021		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Bromobenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Bromodichloromethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Dibromochloromethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Bromoform	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Bromomethane	ND		0.62		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Carbon disulfide	ND		0.41		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Carbon tetrachloride	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Chlorobenzene	ND		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Chloroethane	ND		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Chloroform	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Chloromethane	ND		0.41		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
cis-1,2-Dichloroethene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
cis-1,3-Dichloropropene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Dibromomethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Dichlorodifluoromethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Ethylbenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Hexachlorobutadiene	ND		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Isopropylbenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1

Client Sample ID: Floor-09

Date Collected: 04/02/26 15:05
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-4

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Methylene Chloride	ND		0.12		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
n-Butylbenzene	ND		0.12		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
N-Propylbenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Naphthalene	**0.23**		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
sec-Butylbenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Styrene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
tert-Butylbenzene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Tetrachloroethene (PCE)	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Toluene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
trans-1,2-Dichloroethene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
trans-1,3-Dichloropropene	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Trichloroethene (TCE)	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Trichlorofluoromethane	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Vinyl chloride	ND		0.041		mg/Kg		04/07/26 15:07	04/12/26 00:36	1
Xylenes, Total	ND		0.082		mg/Kg		04/07/26 15:07	04/12/26 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 147*	*04/07/26 15:07*	*04/12/26 00:36*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*04/07/26 15:07*	*04/12/26 00:36*	*1*
4-Bromofluorobenzene (Surr)	*88*		*62 - 144*	*04/07/26 15:07*	*04/12/26 00:36*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 145*	*04/07/26 15:07*	*04/12/26 00:36*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**6.3**		4.1		mg/Kg		04/14/26 16:03	04/15/26 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*15 - 150*	*04/14/26 16:03*	*04/15/26 00:41*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**320**		9.6		mg/Kg		04/13/26 08:48	04/13/26 14:02	1
Motor Oil Range Organics [C28-C40]	**200**		48		mg/Kg		04/13/26 08:48	04/13/26 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*04/13/26 08:48*	*04/13/26 14:02*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2700**		9.3		mg/Kg		04/09/26 01:03	04/09/26 20:08	5
Arsenic	ND		1.9		mg/Kg		04/09/26 01:03	04/09/26 20:08	5
Beryllium	ND		0.93		mg/Kg		04/09/26 01:03	04/09/26 20:08	5
Chromium	**1.9**		1.9		mg/Kg		04/09/26 01:03	04/09/26 20:08	5
Cobalt	**1.8**		0.93		mg/Kg		04/09/26 01:03	04/09/26 20:08	5
Iron	**4200**		9.3		mg/Kg		04/09/26 01:03	04/09/26 20:08	5
Manganese	**200**		0.93		mg/Kg		04/09/26 01:03	04/09/26 20:08	5

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: SWS-02

Date Collected: 04/02/26 14:02
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-5

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,1,1-Trichloroethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,1,2,2-Tetrachloroethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,1,2-Trichloroethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,1-Dichloroethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,1-Dichloroethene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,1-Dichloropropene	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,2,3-Trichlorobenzene	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,2,3-Trichloropropane	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,2,4-Trichlorobenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,2,4-Trimethylbenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,2-Dibromo-3-Chloropropane	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,2-Dibromoethane (EDB)	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,2-Dichlorobenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,2-Dichloroethane (EDC)	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,2-Dichloropropane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,3,5-Trimethylbenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,3-Dichlorobenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,3-Dichloropropane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1,4-Dichlorobenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
1-Methylnaphthalene	ND		0.15		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
2,2-Dichloropropane	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
2-Butanone	ND		0.39		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
2-Chlorotoluene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
2-Hexanone	ND		0.39		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
2-Methylnaphthalene	ND		0.15		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
4-Chlorotoluene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
4-Isopropyltoluene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
4-Methyl-2-pentanone	ND		0.39		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Acetone	ND		0.58		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Benzene	ND		0.019		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Bromobenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Bromodichloromethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Dibromochloromethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Bromoform	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Bromomethane	ND		0.58		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Carbon disulfide	ND		0.39		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Carbon tetrachloride	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Chlorobenzene	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Chloroethane	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Chloroform	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Chloromethane	ND		0.39		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
cis-1,2-Dichloroethene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
cis-1,3-Dichloropropene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Dibromomethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Dichlorodifluoromethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Ethylbenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Hexachlorobutadiene	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Isopropylbenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1

Client Sample ID: SWS-02

Date Collected: 04/02/26 14:02
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-5

Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Methylene Chloride	ND		0.12		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
n-Butylbenzene	ND		0.12		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
N-Propylbenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Naphthalene	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
sec-Butylbenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Styrene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
tert-Butylbenzene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Tetrachloroethene (PCE)	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Toluene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
trans-1,2-Dichloroethene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
trans-1,3-Dichloropropene	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Trichloroethene (TCE)	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Trichlorofluoromethane	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Vinyl chloride	ND		0.039		mg/Kg		04/07/26 15:07	04/12/26 01:04	1
Xylenes, Total	ND		0.077		mg/Kg		04/07/26 15:07	04/12/26 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 147*	*04/07/26 15:07*	*04/12/26 01:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*04/07/26 15:07*	*04/12/26 01:04*	*1*
4-Bromofluorobenzene (Surr)	*105*		*62 - 144*	*04/07/26 15:07*	*04/12/26 01:04*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 145*	*04/07/26 15:07*	*04/12/26 01:04*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9		mg/Kg		04/14/26 16:03	04/15/26 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*04/14/26 16:03*	*04/15/26 01:05*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		04/13/26 08:48	04/13/26 11:25	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/13/26 08:48	04/13/26 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*04/13/26 08:48*	*04/13/26 11:25*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		36		mg/Kg		04/09/26 01:03	04/09/26 18:31	20
Arsenic	**2.8**		1.8		mg/Kg		04/09/26 01:03	04/09/26 18:28	5
Beryllium	ND		0.91		mg/Kg		04/09/26 01:03	04/09/26 18:28	5
Chromium	**5.9**		1.8		mg/Kg		04/09/26 01:03	04/09/26 18:28	5
Cobalt	**4.3**		0.91		mg/Kg		04/09/26 01:03	04/09/26 18:28	5
Iron	**9200**		36		mg/Kg		04/09/26 01:03	04/09/26 18:31	20
Manganese	**180**		0.91		mg/Kg		04/09/26 01:03	04/09/26 18:28	5

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: SWU-01
Date Collected: 04/02/26 16:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-6
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,1,1-Trichloroethane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,1,2,2-Tetrachloroethane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,1,2-Trichloroethane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,1-Dichloroethane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,1-Dichloroethene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,1-Dichloropropene	ND		0.090		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,2,3-Trichlorobenzene	ND		0.090		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,2,3-Trichloropropane	ND		0.090		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,2,4-Trichlorobenzene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,2,4-Trimethylbenzene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,2-Dibromo-3-Chloropropane	ND		0.090		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,2-Dibromoethane (EDB)	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,2-Dichlorobenzene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,2-Dichloroethane (EDC)	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,2-Dichloropropane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,3,5-Trimethylbenzene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,3-Dichlorobenzene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,3-Dichloropropane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1,4-Dichlorobenzene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
1-Methylnaphthalene	ND		0.18		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
2,2-Dichloropropane	ND		0.090		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
2-Butanone	ND		0.45		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
2-Chlorotoluene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
2-Hexanone	ND		0.45		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
2-Methylnaphthalene	ND		0.18		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
4-Chlorotoluene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
4-Isopropyltoluene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
4-Methyl-2-pentanone	ND		0.45		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Acetone	ND		0.68		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Benzene	ND		0.023		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Bromobenzene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Bromodichloromethane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Dibromochloromethane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Bromoform	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Bromomethane	ND		0.68		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Carbon disulfide	ND		0.45		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Carbon tetrachloride	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Chlorobenzene	ND		0.090		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Chloroethane	ND		0.090		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Chloroform	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Chloromethane	ND		0.45		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
cis-1,2-Dichloroethene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
cis-1,3-Dichloropropene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Dibromomethane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Dichlorodifluoromethane	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Ethylbenzene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Hexachlorobutadiene	ND		0.090		mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Isopropylbenzene	ND		0.045		mg/Kg		04/07/26 15:07	04/12/26 01:32	1

Client Sample ID: SWU-01
Date Collected: 04/02/26 16:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-6
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Methylene Chloride	ND		0.14	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
n-Butylbenzene	ND		0.14	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
N-Propylbenzene	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Naphthalene	ND		0.090	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
sec-Butylbenzene	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Styrene	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
tert-Butylbenzene	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Tetrachloroethene (PCE)	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Toluene	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
trans-1,2-Dichloroethene	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
trans-1,3-Dichloropropene	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Trichloroethene (TCE)	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Trichlorofluoromethane	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Vinyl chloride	ND		0.045	mg/Kg		04/07/26 15:07	04/12/26 01:32	1
Xylenes, Total	ND		0.090	mg/Kg		04/07/26 15:07	04/12/26 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 147*	*04/07/26 15:07*	*04/12/26 01:32*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*04/07/26 15:07*	*04/12/26 01:32*	*1*
4-Bromofluorobenzene (Surr)	*100*		*62 - 144*	*04/07/26 15:07*	*04/12/26 01:32*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 145*	*04/07/26 15:07*	*04/12/26 01:32*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.5	mg/Kg		04/14/26 16:03	04/15/26 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*04/14/26 16:03*	*04/15/26 01:28*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2000**		200	mg/Kg		04/13/26 08:48	04/13/26 11:43	20
Motor Oil Range Organics [C28-C40]	**1700**		1000	mg/Kg		04/13/26 08:48	04/13/26 11:43	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*04/13/26 08:48*	*04/13/26 11:43*	*20*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1500**		9.6	mg/Kg		04/09/26 01:03	04/09/26 20:11	5
Arsenic	ND		1.9	mg/Kg		04/09/26 01:03	04/09/26 20:11	5
Beryllium	ND		0.96	mg/Kg		04/09/26 01:03	04/09/26 20:11	5
Chromium	ND		1.9	mg/Kg		04/09/26 01:03	04/09/26 20:11	5
Cobalt	**1.3**		0.96	mg/Kg		04/09/26 01:03	04/09/26 20:11	5
Iron	**2800**		9.6	mg/Kg		04/09/26 01:03	04/09/26 20:11	5
Manganese	**120**		0.96	mg/Kg		04/09/26 01:03	04/09/26 20:11	5

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: SWU-02
Date Collected: 04/02/26 14:05
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-7
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,1,1-Trichloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,1,2,2-Tetrachloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,1,2-Trichloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,1-Dichloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,1-Dichloroethene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,1-Dichloropropene	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,2,3-Trichlorobenzene	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,2,3-Trichloropropane	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,2,4-Trichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,2,4-Trimethylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,2-Dibromo-3-Chloropropane	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,2-Dibromoethane (EDB)	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,2-Dichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,2-Dichloroethane (EDC)	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,2-Dichloropropane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,3,5-Trimethylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,3-Dichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,3-Dichloropropane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1,4-Dichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
1-Methylnaphthalene	ND		0.16		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
2,2-Dichloropropane	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
2-Butanone	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
2-Chlorotoluene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
2-Hexanone	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
2-Methylnaphthalene	ND		0.16		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
4-Chlorotoluene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
4-Isopropyltoluene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
4-Methyl-2-pentanone	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Acetone	ND		0.60		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Benzene	ND		0.020		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Bromobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Bromodichloromethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Dibromochloromethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Bromoform	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Bromomethane	ND		0.60		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Carbon disulfide	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Carbon tetrachloride	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Chlorobenzene	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Chloroethane	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Chloroform	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Chloromethane	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
cis-1,2-Dichloroethene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
cis-1,3-Dichloropropene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Dibromomethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Dichlorodifluoromethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Ethylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Hexachlorobutadiene	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Isopropylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1

Client Sample ID: SWU-02
Date Collected: 04/02/26 14:05
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-7
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Methylene Chloride	ND		0.12		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
n-Butylbenzene	ND		0.12		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
N-Propylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Naphthalene	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
sec-Butylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Styrene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
tert-Butylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Tetrachloroethene (PCE)	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Toluene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
trans-1,2-Dichloroethene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
trans-1,3-Dichloropropene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Trichloroethene (TCE)	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Trichlorofluoromethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Vinyl chloride	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:00	1
Xylenes, Total	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 147*	*04/07/26 15:25*	*04/12/26 02:00*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*04/07/26 15:25*	*04/12/26 02:00*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/07/26 15:25*	*04/12/26 02:00*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 145*	*04/07/26 15:25*	*04/12/26 02:00*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0		mg/Kg		04/14/26 16:03	04/15/26 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*04/14/26 16:03*	*04/15/26 01:52*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**380**		9.3		mg/Kg		04/13/26 08:48	04/13/26 14:36	1
Motor Oil Range Organics [C28-C40]	**300**		46		mg/Kg		04/13/26 08:48	04/13/26 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*04/13/26 08:48*	*04/13/26 14:36*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8500**		36		mg/Kg		04/09/26 01:03	04/09/26 20:23	20
Arsenic	ND		1.8		mg/Kg		04/09/26 01:03	04/09/26 20:14	5
Beryllium	ND		0.91		mg/Kg		04/09/26 01:03	04/09/26 20:14	5
Chromium	**5.6**		1.8		mg/Kg		04/09/26 01:03	04/09/26 20:14	5
Cobalt	**3.9**		0.91		mg/Kg		04/09/26 01:03	04/09/26 20:14	5
Iron	**9300**		36		mg/Kg		04/09/26 01:03	04/09/26 20:23	20
Manganese	**170**		0.91		mg/Kg		04/09/26 01:03	04/09/26 20:14	5

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: SWU-08
Date Collected: 04/02/26 15:07
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-8
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,1,1-Trichloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,1,2,2-Tetrachloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,1,2-Trichloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,1-Dichloroethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,1-Dichloroethene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,1-Dichloropropene	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,2,3-Trichlorobenzene	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,2,3-Trichloropropane	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,2,4-Trichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,2,4-Trimethylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,2-Dibromo-3-Chloropropane	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,2-Dibromoethane (EDB)	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,2-Dichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,2-Dichloroethane (EDC)	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,2-Dichloropropane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,3,5-Trimethylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,3-Dichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,3-Dichloropropane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1,4-Dichlorobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
1-Methylnaphthalene	ND		0.16		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
2,2-Dichloropropane	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
2-Butanone	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
2-Chlorotoluene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
2-Hexanone	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
2-Methylnaphthalene	ND		0.16		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
4-Chlorotoluene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
4-Isopropyltoluene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
4-Methyl-2-pentanone	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Acetone	ND		0.60		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Benzene	ND		0.020		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Bromobenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Bromodichloromethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Dibromochloromethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Bromoform	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Bromomethane	ND		0.60		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Carbon disulfide	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Carbon tetrachloride	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Chlorobenzene	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Chloroethane	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Chloroform	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Chloromethane	ND		0.40		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
cis-1,2-Dichloroethene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
cis-1,3-Dichloropropene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Dibromomethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Dichlorodifluoromethane	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Ethylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Hexachlorobutadiene	ND		0.080		mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Isopropylbenzene	ND		0.040		mg/Kg		04/07/26 15:25	04/12/26 02:29	1

Client Sample ID: SWU-08
Date Collected: 04/02/26 15:07
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-8
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Methylene Chloride	ND		0.12	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
n-Butylbenzene	ND		0.12	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
N-Propylbenzene	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Naphthalene	ND		0.080	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
sec-Butylbenzene	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Styrene	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
tert-Butylbenzene	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Tetrachloroethene (PCE)	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Toluene	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
trans-1,2-Dichloroethene	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
trans-1,3-Dichloropropene	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Trichloroethene (TCE)	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Trichlorofluoromethane	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Vinyl chloride	ND		0.040	mg/Kg		04/07/26 15:25	04/12/26 02:29	1
Xylenes, Total	ND		0.080	mg/Kg		04/07/26 15:25	04/12/26 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 147*	*04/07/26 15:25*	*04/12/26 02:29*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*04/07/26 15:25*	*04/12/26 02:29*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/07/26 15:25*	*04/12/26 02:29*	*1*
Dibromofluoromethane (Surr)	*102*		*73 - 145*	*04/07/26 15:25*	*04/12/26 02:29*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		04/14/26 16:03	04/15/26 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*04/14/26 16:03*	*04/15/26 02:16*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		04/13/26 08:48	04/13/26 11:37	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		04/13/26 08:48	04/13/26 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*04/13/26 08:48*	*04/13/26 11:37*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4000**		9.4	mg/Kg		04/09/26 01:03	04/09/26 20:26	5
Arsenic	ND		1.9	mg/Kg		04/09/26 01:03	04/09/26 20:26	5
Beryllium	ND		0.94	mg/Kg		04/09/26 01:03	04/09/26 20:26	5
Chromium	**2.4**		1.9	mg/Kg		04/09/26 01:03	04/09/26 20:26	5
Cobalt	**1.8**		0.94	mg/Kg		04/09/26 01:03	04/09/26 20:26	5
Iron	**4100**		9.4	mg/Kg		04/09/26 01:03	04/09/26 20:26	5
Manganese	**110**		0.94	mg/Kg		04/09/26 01:03	04/09/26 20:26	5

Client Sample ID: MeOH Blank
Date Collected: 04/02/26 00:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-9
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,1,2-Trichloroethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,1-Dichloroethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,1-Dichloroethene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,1-Dichloropropene	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,2,3-Trichlorobenzene	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,2-Dibromo-3-Chloropropane	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,2-Dichloropropane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,3-Dichloropropane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
1-Methylnaphthalene	ND		0.20		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
2,2-Dichloropropane	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
2-Butanone	ND		0.50		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
2-Chlorotoluene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
2-Hexanone	ND		0.50		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
2-Methylnaphthalene	ND		0.20		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
4-Chlorotoluene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
4-Isopropyltoluene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Acetone	ND		0.75		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Benzene	ND		0.025		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Bromobenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Bromodichloromethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Dibromochloromethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Bromoform	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Bromomethane	ND		0.75		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Carbon disulfide	ND		0.50		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Carbon tetrachloride	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Chlorobenzene	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Chloroethane	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Chloroform	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Chloromethane	ND		0.50		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Dibromomethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Ethylbenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Hexachlorobutadiene	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Isopropylbenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: MeOH Blank
Date Collected: 04/02/26 00:00
Date Received: 04/03/26 15:50

Lab Sample ID: 885-46684-9
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Methylene Chloride	ND		0.15		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
n-Butylbenzene	ND		0.15		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
N-Propylbenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Naphthalene	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
sec-Butylbenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Styrene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
tert-Butylbenzene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Toluene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Trichlorofluoromethane	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Vinyl chloride	ND		0.050		mg/Kg		04/07/26 15:25	04/12/26 02:57	1
Xylenes, Total	ND		0.10		mg/Kg		04/07/26 15:25	04/12/26 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 147*	*04/07/26 15:25*	*04/12/26 02:57*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*04/07/26 15:25*	*04/12/26 02:57*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/07/26 15:25*	*04/12/26 02:57*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 145*	*04/07/26 15:25*	*04/12/26 02:57*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-46302/1-A
Matrix: Solid
Analysis Batch: 46556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46302

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,1,2-Trichloroethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,1-Dichloroethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,1-Dichloroethene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,1-Dichloropropene	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,2,3-Trichlorobenzene	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,2-Dibromo-3-Chloropropane	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,2-Dichloropropane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,3-Dichloropropane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
1-Methylnaphthalene	ND		0.20		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
2,2-Dichloropropane	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
2-Butanone	ND		0.50		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
2-Chlorotoluene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
2-Hexanone	ND		0.50		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
2-Methylnaphthalene	ND		0.20		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
4-Chlorotoluene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
4-Isopropyltoluene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Acetone	ND		0.75		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Benzene	ND		0.025		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Bromobenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Bromodichloromethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Dibromochloromethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Bromoform	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Bromomethane	ND		0.75		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Carbon disulfide	ND		0.50		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Carbon tetrachloride	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Chlorobenzene	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Chloroethane	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Chloroform	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Chloromethane	ND		0.50		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Dibromomethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Ethylbenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Hexachlorobutadiene	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-46302/1-A
Matrix: Solid
Analysis Batch: 46556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46302

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Methylene Chloride	ND		0.15		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
n-Butylbenzene	ND		0.15		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
N-Propylbenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Naphthalene	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
sec-Butylbenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Styrene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
tert-Butylbenzene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Toluene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Trichlorofluoromethane	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Vinyl chloride	ND		0.050		mg/Kg		04/07/26 15:07	04/11/26 12:21	1
Xylenes, Total	ND		0.10		mg/Kg		04/07/26 15:07	04/11/26 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 147*	*04/07/26 15:07*	*04/11/26 12:21*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*04/07/26 15:07*	*04/11/26 12:21*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/07/26 15:07*	*04/11/26 12:21*	*1*
Dibromofluoromethane (Surr)	*102*		*73 - 145*	*04/07/26 15:07*	*04/11/26 12:21*	*1*

Lab Sample ID: LCS 885-46302/2-A
Matrix: Solid
Analysis Batch: 46556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46302

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			1.00	0.951		mg/Kg		95	70 - 130		
Benzene			1.00	1.02		mg/Kg		102	70 - 130		
Chlorobenzene			1.00	1.00		mg/Kg		100	70 - 130		
Toluene			1.00	0.976		mg/Kg		98	70 - 130		
Trichloroethene (TCE)			1.00	0.963		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 147*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*62 - 144*
Dibromofluoromethane (Surr)	*103*		*73 - 145*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-46728/1-A
Matrix: Solid
Analysis Batch: 46735

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46728

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/14/26 16:03	04/14/26 23:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*04/14/26 16:03*	*04/14/26 23:06*	*1*

Lab Sample ID: LCS 885-46728/2-A
Matrix: Solid
Analysis Batch: 46735

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46728

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	24.0		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*202*		*15 - 150*

Lab Sample ID: 885-46684-1 MS
Matrix: Solid
Analysis Batch: 46735

Client Sample ID: Floor-03
Prep Type: Total/NA
Prep Batch: 46728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		10.3	9.31		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*191*		*15 - 150*

Lab Sample ID: 885-46684-1 MSD
Matrix: Solid
Analysis Batch: 46735

Client Sample ID: Floor-03
Prep Type: Total/NA
Prep Batch: 46728

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		10.3	9.04		mg/Kg		88	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*194*		*15 - 150*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-46590/1-A
Matrix: Solid
Analysis Batch: 46594

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46590

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/13/26 08:48	04/13/26 10:49	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/13/26 08:48	04/13/26 10:49	1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-46590/1-A
Matrix: Solid
Analysis Batch: 46594

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46590

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134	04/13/26 08:48	04/13/26 10:49	1

Lab Sample ID: LCS 885-46590/2-A
Matrix: Solid
Analysis Batch: 46594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46590

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	67.5		mg/Kg		135	51 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	124		62 - 134

Lab Sample ID: 885-46684-8 MS
Matrix: Solid
Analysis Batch: 46594

Client Sample ID: SWU-08
Prep Type: Total/NA
Prep Batch: 46590

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		47.9	51.9		mg/Kg		108	44 - 136		

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	92		62 - 134

Lab Sample ID: 885-46684-8 MSD
Matrix: Solid
Analysis Batch: 46594

Client Sample ID: SWU-08
Prep Type: Total/NA
Prep Batch: 46590

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		50.0	49.1		mg/Kg		98	44 - 136	6	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	88		62 - 134

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-312129/1-A
Matrix: Solid
Analysis Batch: 312607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312129

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		2.0		mg/Kg		04/09/26 01:03	04/09/26 18:05	1
Arsenic	ND		0.40		mg/Kg		04/09/26 01:03	04/09/26 18:05	1
Beryllium	ND		0.20		mg/Kg		04/09/26 01:03	04/09/26 18:05	1
Chromium	ND		0.40		mg/Kg		04/09/26 01:03	04/09/26 18:05	1
Cobalt	ND		0.20		mg/Kg		04/09/26 01:03	04/09/26 18:05	1
Iron	ND		2.0		mg/Kg		04/09/26 01:03	04/09/26 18:05	1
Manganese	ND		0.20		mg/Kg		04/09/26 01:03	04/09/26 18:05	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 860-312129/2-A
Matrix: Solid
Analysis Batch: 312607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312129

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	50.0	49.3		mg/Kg		99	80 - 120
Arsenic	10.0	9.64		mg/Kg		96	80 - 120
Beryllium	10.0	10.0		mg/Kg		100	80 - 120
Chromium	10.0	9.98		mg/Kg		100	80 - 120
Cobalt	10.0	9.76		mg/Kg		98	80 - 120
Iron	50.0	49.5		mg/Kg		99	80 - 120
Manganese	10.0	9.80		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 860-312129/3-A
Matrix: Solid
Analysis Batch: 312607

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312129

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	50.0	49.9		mg/Kg		100	80 - 120	1	20
Arsenic	10.0	9.77		mg/Kg		98	80 - 120	1	20
Beryllium	10.0	10.1		mg/Kg		101	80 - 120	1	20
Chromium	10.0	9.86		mg/Kg		99	80 - 120	1	20
Cobalt	10.0	9.86		mg/Kg		99	80 - 120	1	20
Iron	50.0	49.2		mg/Kg		98	80 - 120	1	20
Manganese	10.0	9.67		mg/Kg		97	80 - 120	1	20

Lab Sample ID: 885-46684-5 MS
Matrix: Solid
Analysis Batch: 312607

Client Sample ID: SWS-02
Prep Type: Total/NA
Prep Batch: 312129

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2.8		9.09	11.7		mg/Kg		98	75 - 125
Beryllium	ND		9.09	9.16		mg/Kg		95	75 - 125
Chromium	5.9		9.09	13.8		mg/Kg		86	75 - 125
Cobalt	4.3		9.09	12.8		mg/Kg		94	75 - 125
Manganese	180		9.09	193	4	mg/Kg		135	75 - 125

Lab Sample ID: 885-46684-5 MS
Matrix: Solid
Analysis Batch: 312607

Client Sample ID: SWS-02
Prep Type: Total/NA
Prep Batch: 312129

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10000		45.5	8960	4	mg/Kg		-3365	75 - 125
Iron	9200		45.5	9690	4	mg/Kg		1016	75 - 125

Lab Sample ID: 885-46684-5 MSD
Matrix: Solid
Analysis Batch: 312607

Client Sample ID: SWS-02
Prep Type: Total/NA
Prep Batch: 312129

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	2.8		9.09	11.6		mg/Kg		96	75 - 125	1	20
Beryllium	ND		9.09	9.20		mg/Kg		95	75 - 125	0	20
Chromium	5.9		9.09	13.6		mg/Kg		85	75 - 125	1	20
Cobalt	4.3		9.09	13.0		mg/Kg		96	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 885-46684-5 MSD
Matrix: Solid
Analysis Batch: 312607

Client Sample ID: SWS-02
Prep Type: Total/NA
Prep Batch: 312129

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	180		9.09	191	4	mg/Kg		120	75 - 125	1	20

Lab Sample ID: 885-46684-5 MSD
Matrix: Solid
Analysis Batch: 312607

Client Sample ID: SWS-02
Prep Type: Total/NA
Prep Batch: 312129

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	10000		45.5	8910	4	mg/Kg		-3470	75 - 125	1	20
Iron	9200		45.5	9630	4	mg/Kg		887	75 - 125	1	20

QC Association Summary

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

GC/MS VOA

Prep Batch: 46302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-1	Floor-03	Total/NA	Solid	5035	
885-46684-2	Floor-02	Total/NA	Solid	5035	
885-46684-3	Floor-06	Total/NA	Solid	5035	
885-46684-4	Floor-09	Total/NA	Solid	5035	
885-46684-5	SWS-02	Total/NA	Solid	5035	
885-46684-6	SWU-01	Total/NA	Solid	5035	
885-46684-7	SWU-02	Total/NA	Solid	5035	
885-46684-8	SWU-08	Total/NA	Solid	5035	
885-46684-9	MeOH Blank	Total/NA	Solid	5035	
MB 885-46302/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-46302/2-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 46556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-46302/1-A	Method Blank	Total/NA	Solid	8260B	46302
LCS 885-46302/2-A	Lab Control Sample	Total/NA	Solid	8260B	46302

Analysis Batch: 46563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-1	Floor-03	Total/NA	Solid	8260B	46302
885-46684-2	Floor-02	Total/NA	Solid	8260B	46302
885-46684-3	Floor-06	Total/NA	Solid	8260B	46302
885-46684-4	Floor-09	Total/NA	Solid	8260B	46302
885-46684-5	SWS-02	Total/NA	Solid	8260B	46302
885-46684-6	SWU-01	Total/NA	Solid	8260B	46302
885-46684-7	SWU-02	Total/NA	Solid	8260B	46302
885-46684-8	SWU-08	Total/NA	Solid	8260B	46302
885-46684-9	MeOH Blank	Total/NA	Solid	8260B	46302

Analysis Batch: 46639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-2	Floor-02	Total/NA	Solid	8260B	46302
885-46684-3	Floor-06	Total/NA	Solid	8260B	46302

GC VOA

Prep Batch: 46728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-1	Floor-03	Total/NA	Solid	5035	
885-46684-2	Floor-02	Total/NA	Solid	5035	
885-46684-3	Floor-06	Total/NA	Solid	5035	
885-46684-4	Floor-09	Total/NA	Solid	5035	
885-46684-5	SWS-02	Total/NA	Solid	5035	
885-46684-6	SWU-01	Total/NA	Solid	5035	
885-46684-7	SWU-02	Total/NA	Solid	5035	
885-46684-8	SWU-08	Total/NA	Solid	5035	
MB 885-46728/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-46728/2-A	Lab Control Sample	Total/NA	Solid	5035	
885-46684-1 MS	Floor-03	Total/NA	Solid	5035	
885-46684-1 MSD	Floor-03	Total/NA	Solid	5035	

GC VOA

Analysis Batch: 46735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-1	Floor-03	Total/NA	Solid	8015D	46728
885-46684-2	Floor-02	Total/NA	Solid	8015D	46728
885-46684-4	Floor-09	Total/NA	Solid	8015D	46728
885-46684-5	SWS-02	Total/NA	Solid	8015D	46728
885-46684-6	SWU-01	Total/NA	Solid	8015D	46728
885-46684-7	SWU-02	Total/NA	Solid	8015D	46728
885-46684-8	SWU-08	Total/NA	Solid	8015D	46728
MB 885-46728/1-A	Method Blank	Total/NA	Solid	8015D	46728
LCS 885-46728/2-A	Lab Control Sample	Total/NA	Solid	8015D	46728
885-46684-1 MS	Floor-03	Total/NA	Solid	8015D	46728
885-46684-1 MSD	Floor-03	Total/NA	Solid	8015D	46728

Analysis Batch: 46757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-3	Floor-06	Total/NA	Solid	8015D	46728

GC Semi VOA

Prep Batch: 46590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-1	Floor-03	Total/NA	Solid	SHAKE	
885-46684-2	Floor-02	Total/NA	Solid	SHAKE	
885-46684-3	Floor-06	Total/NA	Solid	SHAKE	
885-46684-4	Floor-09	Total/NA	Solid	SHAKE	
885-46684-5	SWS-02	Total/NA	Solid	SHAKE	
885-46684-6	SWU-01	Total/NA	Solid	SHAKE	
885-46684-7	SWU-02	Total/NA	Solid	SHAKE	
885-46684-8	SWU-08	Total/NA	Solid	SHAKE	
MB 885-46590/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-46590/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-46684-8 MS	SWU-08	Total/NA	Solid	SHAKE	
885-46684-8 MSD	SWU-08	Total/NA	Solid	SHAKE	

Analysis Batch: 46594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-1	Floor-03	Total/NA	Solid	8015D	46590
885-46684-5	SWS-02	Total/NA	Solid	8015D	46590
885-46684-8	SWU-08	Total/NA	Solid	8015D	46590
MB 885-46590/1-A	Method Blank	Total/NA	Solid	8015D	46590
LCS 885-46590/2-A	Lab Control Sample	Total/NA	Solid	8015D	46590
885-46684-8 MS	SWU-08	Total/NA	Solid	8015D	46590
885-46684-8 MSD	SWU-08	Total/NA	Solid	8015D	46590

Analysis Batch: 46597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-2	Floor-02	Total/NA	Solid	8015D	46590
885-46684-3	Floor-06	Total/NA	Solid	8015D	46590
885-46684-4	Floor-09	Total/NA	Solid	8015D	46590
885-46684-6	SWU-01	Total/NA	Solid	8015D	46590
885-46684-7	SWU-02	Total/NA	Solid	8015D	46590

QC Association Summary

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Metals

Prep Batch: 312129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-1	Floor-03	Total/NA	Solid	3051A	
885-46684-2	Floor-02	Total/NA	Solid	3051A	
885-46684-3	Floor-06	Total/NA	Solid	3051A	
885-46684-4	Floor-09	Total/NA	Solid	3051A	
885-46684-5	SWS-02	Total/NA	Solid	3051A	
885-46684-6	SWU-01	Total/NA	Solid	3051A	
885-46684-7	SWU-02	Total/NA	Solid	3051A	
885-46684-8	SWU-08	Total/NA	Solid	3051A	
MB 860-312129/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 860-312129/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 860-312129/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
885-46684-5 MS	SWS-02	Total/NA	Solid	3051A	
885-46684-5 MSD	SWS-02	Total/NA	Solid	3051A	

Analysis Batch: 312607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-46684-1	Floor-03	Total/NA	Solid	6020B	312129
885-46684-1	Floor-03	Total/NA	Solid	6020B	312129
885-46684-2	Floor-02	Total/NA	Solid	6020B	312129
885-46684-2	Floor-02	Total/NA	Solid	6020B	312129
885-46684-3	Floor-06	Total/NA	Solid	6020B	312129
885-46684-4	Floor-09	Total/NA	Solid	6020B	312129
885-46684-5	SWS-02	Total/NA	Solid	6020B	312129
885-46684-5	SWS-02	Total/NA	Solid	6020B	312129
885-46684-6	SWU-01	Total/NA	Solid	6020B	312129
885-46684-7	SWU-02	Total/NA	Solid	6020B	312129
885-46684-7	SWU-02	Total/NA	Solid	6020B	312129
885-46684-8	SWU-08	Total/NA	Solid	6020B	312129
MB 860-312129/1-A	Method Blank	Total/NA	Solid	6020B	312129
LCS 860-312129/2-A	Lab Control Sample	Total/NA	Solid	6020B	312129
LCSD 860-312129/3-A	Lab Control Sample Dup	Total/NA	Solid	6020B	312129
885-46684-5 MS	SWS-02	Total/NA	Solid	6020B	312129
885-46684-5 MS	SWS-02	Total/NA	Solid	6020B	312129
885-46684-5 MSD	SWS-02	Total/NA	Solid	6020B	312129
885-46684-5 MSD	SWS-02	Total/NA	Solid	6020B	312129

Lab Chronicle

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: Floor-03

Lab Sample ID: 885-46684-1
Matrix: Solid
Date Collected: 03/31/26 11:00
Date Received: 04/03/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:07
Total/NA	Analysis	8260B		1	46563	ES	EET ALB	04/11/26 23:11
Total/NA	Prep	5035			46728	VP	EET ALB	04/14/26 16:03
Total/NA	Analysis	8015D		1	46735	VP	EET ALB	04/14/26 23:30
Total/NA	Prep	SHAKE			46590	DR	EET ALB	04/13/26 08:48
Total/NA	Analysis	8015D		1	46594	DH	EET ALB	04/13/26 11:13
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		5	312607	DP	EET HOU	04/09/26 19:51
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		10	312607	DP	EET HOU	04/09/26 19:54

Client Sample ID: Floor-02

Lab Sample ID: 885-46684-2
Matrix: Solid
Date Collected: 04/02/26 14:00
Date Received: 04/03/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:07
Total/NA	Analysis	8260B		1	46563	ES	EET ALB	04/11/26 23:39
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:07
Total/NA	Analysis	8260B		10	46639	ES	EET ALB	04/14/26 09:32
Total/NA	Prep	5035			46728	VP	EET ALB	04/14/26 16:03
Total/NA	Analysis	8015D		10	46735	VP	EET ALB	04/14/26 23:53
Total/NA	Prep	SHAKE			46590	DR	EET ALB	04/13/26 08:48
Total/NA	Analysis	8015D		20	46597	DH	EET ALB	04/13/26 11:09
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		5	312607	DP	EET HOU	04/09/26 19:58
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		10	312607	DP	EET HOU	04/09/26 20:01

Client Sample ID: Floor-06

Lab Sample ID: 885-46684-3
Matrix: Solid
Date Collected: 04/02/26 15:00
Date Received: 04/03/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:07
Total/NA	Analysis	8260B		1	46563	ES	EET ALB	04/12/26 00:07
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:07
Total/NA	Analysis	8260B		10	46639	ES	EET ALB	04/14/26 10:00
Total/NA	Prep	5035			46728	VP	EET ALB	04/14/26 16:03
Total/NA	Analysis	8015D		1	46757	VP	EET ALB	04/15/26 14:18
Total/NA	Prep	SHAKE			46590	DR	EET ALB	04/13/26 08:48
Total/NA	Analysis	8015D		10	46597	DH	EET ALB	04/13/26 11:20
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		5	312607	DP	EET HOU	04/09/26 20:04

Lab Chronicle

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: Floor-09

Lab Sample ID: 885-46684-4

Date Collected: 04/02/26 15:05

Matrix: Solid

Date Received: 04/03/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:07
Total/NA	Analysis	8260B		1	46563	ES	EET ALB	04/12/26 00:36
Total/NA	Prep	5035			46728	VP	EET ALB	04/14/26 16:03
Total/NA	Analysis	8015D		1	46735	VP	EET ALB	04/15/26 00:41
Total/NA	Prep	SHAKE			46590	DR	EET ALB	04/13/26 08:48
Total/NA	Analysis	8015D		1	46597	DH	EET ALB	04/13/26 14:02
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		5	312607	DP	EET HOU	04/09/26 20:08

Client Sample ID: SWS-02

Lab Sample ID: 885-46684-5

Date Collected: 04/02/26 14:02

Matrix: Solid

Date Received: 04/03/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:07
Total/NA	Analysis	8260B		1	46563	ES	EET ALB	04/12/26 01:04
Total/NA	Prep	5035			46728	VP	EET ALB	04/14/26 16:03
Total/NA	Analysis	8015D		1	46735	VP	EET ALB	04/15/26 01:05
Total/NA	Prep	SHAKE			46590	DR	EET ALB	04/13/26 08:48
Total/NA	Analysis	8015D		1	46594	DH	EET ALB	04/13/26 11:25
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		5	312607	DP	EET HOU	04/09/26 18:28
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		20	312607	DP	EET HOU	04/09/26 18:31

Client Sample ID: SWU-01

Lab Sample ID: 885-46684-6

Date Collected: 04/02/26 16:00

Matrix: Solid

Date Received: 04/03/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:07
Total/NA	Analysis	8260B		1	46563	ES	EET ALB	04/12/26 01:32
Total/NA	Prep	5035			46728	VP	EET ALB	04/14/26 16:03
Total/NA	Analysis	8015D		1	46735	VP	EET ALB	04/15/26 01:28
Total/NA	Prep	SHAKE			46590	DR	EET ALB	04/13/26 08:48
Total/NA	Analysis	8015D		20	46597	DH	EET ALB	04/13/26 11:43
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		5	312607	DP	EET HOU	04/09/26 20:11

Lab Chronicle

Client: EA Engineering
Project/Site: Aerex Refinery, Bloomfield

Job ID: 885-46684-1

Client Sample ID: SWU-02

Lab Sample ID: 885-46684-7

Date Collected: 04/02/26 14:05

Matrix: Solid

Date Received: 04/03/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:25
Total/NA	Analysis	8260B		1	46563	ES	EET ALB	04/12/26 02:00
Total/NA	Prep	5035			46728	VP	EET ALB	04/14/26 16:03
Total/NA	Analysis	8015D		1	46735	VP	EET ALB	04/15/26 01:52
Total/NA	Prep	SHAKE			46590	DR	EET ALB	04/13/26 08:48
Total/NA	Analysis	8015D		1	46597	DH	EET ALB	04/13/26 14:36
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		5	312607	DP	EET HOU	04/09/26 20:14
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		20	312607	DP	EET HOU	04/09/26 20:23

Client Sample ID: SWU-08

Lab Sample ID: 885-46684-8

Date Collected: 04/02/26 15:07

Matrix: Solid

Date Received: 04/03/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:25
Total/NA	Analysis	8260B		1	46563	ES	EET ALB	04/12/26 02:29
Total/NA	Prep	5035			46728	VP	EET ALB	04/14/26 16:03
Total/NA	Analysis	8015D		1	46735	VP	EET ALB	04/15/26 02:16
Total/NA	Prep	SHAKE			46590	DR	EET ALB	04/13/26 08:48
Total/NA	Analysis	8015D		1	46594	DH	EET ALB	04/13/26 11:37
Total/NA	Prep	3051A			312129	PB	EET HOU	04/09/26 01:03
Total/NA	Analysis	6020B		5	312607	DP	EET HOU	04/09/26 20:26

Client Sample ID: MeOH Blank

Lab Sample ID: 885-46684-9

Date Collected: 04/02/26 00:00

Matrix: Solid

Date Received: 04/03/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46302	CM	EET ALB	04/07/26 15:25
Total/NA	Analysis	8260B		1	46563	ES	EET ALB	04/12/26 02:57

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: EA Engineering
Job ID: 885-46684-1
Project/Site: Aerex Refinery, Bloomfield

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D	5035	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8260B	5035	Solid	1,1,1,2-Tetrachloroethane
8260B	5035	Solid	1,1,1-Trichloroethane
8260B	5035	Solid	1,1,2,2-Tetrachloroethane
8260B	5035	Solid	1,1,2-Trichloroethane
8260B	5035	Solid	1,1-Dichloroethane
8260B	5035	Solid	1,1-Dichloroethene
8260B	5035	Solid	1,1-Dichloropropene
8260B	5035	Solid	1,2,3-Trichlorobenzene
8260B	5035	Solid	1,2,3-Trichloropropane
8260B	5035	Solid	1,2,4-Trichlorobenzene
8260B	5035	Solid	1,2,4-Trimethylbenzene
8260B	5035	Solid	1,2-Dibromo-3-Chloropropane
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	1,2-Dichlorobenzene
8260B	5035	Solid	1,2-Dichloroethane (EDC)
8260B	5035	Solid	1,2-Dichloropropane
8260B	5035	Solid	1,3,5-Trimethylbenzene
8260B	5035	Solid	1,3-Dichlorobenzene
8260B	5035	Solid	1,3-Dichloropropane
8260B	5035	Solid	1,4-Dichlorobenzene
8260B	5035	Solid	1-Methylnaphthalene
8260B	5035	Solid	2,2-Dichloropropane
8260B	5035	Solid	2-Butanone
8260B	5035	Solid	2-Chlorotoluene
8260B	5035	Solid	2-Hexanone
8260B	5035	Solid	2-Methylnaphthalene
8260B	5035	Solid	4-Chlorotoluene
8260B	5035	Solid	4-Isopropyltoluene
8260B	5035	Solid	4-Methyl-2-pentanone
8260B	5035	Solid	Acetone
8260B	5035	Solid	Benzene
8260B	5035	Solid	Bromobenzene
8260B	5035	Solid	Bromodichloromethane
8260B	5035	Solid	Bromoform
8260B	5035	Solid	Bromomethane
8260B	5035	Solid	Carbon disulfide
8260B	5035	Solid	Carbon tetrachloride
8260B	5035	Solid	Chlorobenzene
8260B	5035	Solid	Chloroethane
8260B	5035	Solid	Chloroform
8260B	5035	Solid	Chloromethane
8260B	5035	Solid	cis-1,2-Dichloroethene

Accreditation/Certification Summary

Client: EA Engineering
Job ID: 885-46684-1
Project/Site: Aerex Refinery, Bloomfield

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B	5035	Solid	cis-1,3-Dichloropropene
8260B	5035	Solid	Dibromochloromethane
8260B	5035	Solid	Dibromomethane
8260B	5035	Solid	Dichlorodifluoromethane
8260B	5035	Solid	Ethylbenzene
8260B	5035	Solid	Hexachlorobutadiene
8260B	5035	Solid	Isopropylbenzene
8260B	5035	Solid	Methylene Chloride
8260B	5035	Solid	Methyl-tert-butyl Ether (MTBE)
8260B	5035	Solid	Naphthalene
8260B	5035	Solid	n-Butylbenzene
8260B	5035	Solid	N-Propylbenzene
8260B	5035	Solid	sec-Butylbenzene
8260B	5035	Solid	Styrene
8260B	5035	Solid	tert-Butylbenzene
8260B	5035	Solid	Tetrachloroethene (PCE)
8260B	5035	Solid	Toluene
8260B	5035	Solid	trans-1,2-Dichloroethene
8260B	5035	Solid	trans-1,3-Dichloropropene
8260B	5035	Solid	Trichloroethene (TCE)
8260B	5035	Solid	Trichlorofluoromethane
8260B	5035	Solid	Vinyl chloride
8260B	5035	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-25-27

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	12-31-26
Oregon	NELAP	4213-001	03-30-27
Texas	NELAP	T104704265	07-31-26
Texas	NELAP	T104704215	06-30-26
Texas	TCEQ Water Supply	T104704215	11-24-28
USDA	US Federal Programs	525-23-79-79507R1	04-10-29
Washington	State	C1114-26	03-22-27

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW, #1300
Albuquerque 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: Aerex Refinery, Bloomfield

Project #: 16493

Project Manager: Mike McVey

Sampler: Estevan Rodriguez

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 5.3+0.2=5.5°C dup

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www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

885-46684 COC

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 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	TAL Metals: 6010, 6020, 7000
3-31-26	1100	SOIL	Floor - 03	40ml x2 / 20ml x2	none/MeOH			X						X			X
4-2-26	1400		Floor - 02														
	1500		Floor - 06														
	1505		Floor - 09														
	1402		SWS - 02														
	1600		~~SWS - 01~~ SWU-01														
	1405		SWU - 07														
↓	1507	↓	SWU - 08	↓	↓			↓						↓			↓

Date	Time	Relinquished by	Received by	Via	Date	Time
4-3-26	~~1500~~ 1559	E. Rodriguez		COC	4-3-26	1550
Date	Time	Relinquished by	Received by	Via	Date	Time

Remarks: Requested metals: Al, As, Be, Co, Cr, Fe, & Mg per client TMC 4/16/26

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

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque, NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Upton, Catherine	Carrier Tracking No(s): N/A	COC No: 885-9194.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Catherine.upton@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Oregon; State New Mexico		Job #: 885-46684-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/10/2026			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Aerex Refinery Bloomfield	Project #: 88502749			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3051A(MOD) Total Iron, Manganese	7471B/7471B_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X			X	
Floor-03 (885-46684-1)	3/31/26	11:00 Mountain	G	Solid			X	X	1	
Floor-02 (885-46684-2)	4/2/26	14:00 Mountain	G	Solid			X	X	1	
Floor-06 (885-46684-3)	4/2/26	15:00 Mountain	G	Solid			X	X	1	
Floor-09 (885-46684-4)	4/2/26	15:05 Mountain	G	Solid			X	X	1	
SWS-02 (885-46684-5)	4/2/26	14:02 Mountain	G	Solid			X	X	1	
SWU-01 (885-46684-6)	4/2/26	16:00 Mountain	G	Solid			X	X	1	
SWU-02 (885-46684-7)	4/2/26	14:05 Mountain	G	Solid			X	X	1	
SWU-08 (885-46684-8)	4/2/26	15:07 Mountain	G	Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Received
Relinquished by:	Date/Time: 4/7/26 1515	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by: Date/Time: APR 08 2026 Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Time: 9:30 Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.0

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-46684-1

Login Number: 46684
List Number: 1
Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-46684-1

Login Number: 46684
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 04/08/26 10:33 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mike McVey
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 4/29/2026 1:14:08 PM

JOB DESCRIPTION

Former Aerex Refinery

JOB NUMBER

885-47105-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

myEOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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4/29/2026 1:14:08 PM

Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)338-8837

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Client: EA Engineering
Job ID: 885-47105-1
Project/Site: Former Aerex Refinery

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
885-47105-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/10/2026 4:11 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C.

Receipt Exceptions
The following samples were activated for Metals, GRO and DRO analysis by the client on 4/14/26: Floor-07 (885-47105-1), Floor-08 (885-47105-2), SWU-04 (885-47105-3), SWU-08 (885-47105-4), SWS-01 (885-47105-5), SWS-08 (885-47105-6), Floor-01 (885-47105-7), Floor-05 (885-47105-8), SWS-07 (885-47105-9) and SWS-06 (885-47105-10). These analyses were not originally requested on the chain-of-custody (COC). See attached email.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
Method 8015D: Surrogate recovery for the following sample was outside control limits: SWU-04 (885-47105-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015D: Surrogate recovery for the following sample was outside control limits: SWS-01 (885-47105-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D: The following samples required a dilution due to the nature of the sample matrix: Floor-07 (885-47105-1), SWU-04 (885-47105-3), SWS-01 (885-47105-5), SWS-07 (885-47105-9) and SWS-06 (885-47105-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: Floor-07
Date Collected: 04/07/26 07:38
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-1
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,1,1-Trichloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,1,2,2-Tetrachloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,1,2-Trichloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,1-Dichloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,1-Dichloroethene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,1-Dichloropropene	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,2,3-Trichlorobenzene	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,2,3-Trichloropropane	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,2,4-Trichlorobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,2,4-Trimethylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,2-Dibromo-3-Chloropropane	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,2-Dibromoethane (EDB)	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,2-Dichlorobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,2-Dichloroethane (EDC)	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,2-Dichloropropane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,3,5-Trimethylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,3-Dichlorobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,3-Dichloropropane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1,4-Dichlorobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
1-Methylnaphthalene	ND		0.16		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
2,2-Dichloropropane	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
2-Butanone	ND		0.39		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
2-Chlorotoluene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
2-Hexanone	ND		0.39		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
2-Methylnaphthalene	ND		0.16		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
4-Chlorotoluene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
4-Isopropyltoluene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
4-Methyl-2-pentanone	ND		0.39		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Acetone	ND		0.59		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Benzene	ND		0.020		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Bromobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Bromodichloromethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Dibromochloromethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Bromoform	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Bromomethane	ND		0.59		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Carbon disulfide	ND		0.39		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Carbon tetrachloride	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Chlorobenzene	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Chloroethane	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Chloroform	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Chloromethane	ND		0.39		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
cis-1,2-Dichloroethene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
cis-1,3-Dichloropropene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Dibromomethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Dichlorodifluoromethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Ethylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Hexachlorobutadiene	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Isopropylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: Floor-07
Date Collected: 04/07/26 07:38
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-1
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Methylene Chloride	ND		0.12		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
n-Butylbenzene	ND		0.12		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
N-Propylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Naphthalene	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
sec-Butylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Styrene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
tert-Butylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Tetrachloroethene (PCE)	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Toluene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
trans-1,2-Dichloroethene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
trans-1,3-Dichloropropene	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Trichloroethene (TCE)	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Trichlorofluoromethane	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Vinyl chloride	ND		0.039		mg/Kg		04/13/26 12:43	04/20/26 13:53	1
Xylenes, Total	ND		0.078		mg/Kg		04/13/26 12:43	04/20/26 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 147*	*04/13/26 12:43*	*04/20/26 13:53*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*04/13/26 12:43*	*04/20/26 13:53*	*1*
4-Bromofluorobenzene (Surr)	*110*		*62 - 144*	*04/13/26 12:43*	*04/20/26 13:53*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 145*	*04/13/26 12:43*	*04/20/26 13:53*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9		mg/Kg		04/13/26 12:43	04/16/26 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*04/13/26 12:43*	*04/16/26 23:52*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1200**		190		mg/Kg		04/17/26 14:36	04/17/26 22:48	20
Motor Oil Range Organics [C28-C40]	**1600**		970		mg/Kg		04/17/26 14:36	04/17/26 22:48	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*04/17/26 14:36*	*04/17/26 22:48*	*20*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8400**		38		mg/Kg		04/27/26 22:51	04/28/26 20:05	20
Arsenic	**5.2**		1.9		mg/Kg		04/27/26 22:51	04/28/26 20:02	5
Beryllium	ND		0.96		mg/Kg		04/27/26 22:51	04/28/26 20:02	5
Chromium	**5.6**		1.9		mg/Kg		04/27/26 22:51	04/28/26 20:02	5
Cobalt	**4.0**		0.96		mg/Kg		04/27/26 22:51	04/28/26 20:02	5
Iron	**11000**		38		mg/Kg		04/27/26 22:51	04/28/26 20:05	20
Manganese	**92**		0.96		mg/Kg		04/27/26 22:51	04/28/26 20:02	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: Floor-08
Date Collected: 04/07/26 07:50
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-2
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,1,1-Trichloroethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,1,2,2-Tetrachloroethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,1,2-Trichloroethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,1-Dichloroethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,1-Dichloroethene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,1-Dichloropropene	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,2,3-Trichlorobenzene	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,2,3-Trichloropropane	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,2,4-Trichlorobenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,2,4-Trimethylbenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,2-Dibromo-3-Chloropropane	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,2-Dibromoethane (EDB)	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,2-Dichlorobenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,2-Dichloroethane (EDC)	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,2-Dichloropropane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,3,5-Trimethylbenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,3-Dichlorobenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,3-Dichloropropane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1,4-Dichlorobenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
1-Methylnaphthalene	ND		0.13		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
2,2-Dichloropropane	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
2-Butanone	ND		0.32		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
2-Chlorotoluene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
2-Hexanone	ND		0.32		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
2-Methylnaphthalene	ND		0.13		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
4-Chlorotoluene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
4-Isopropyltoluene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
4-Methyl-2-pentanone	ND		0.32		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Acetone	ND		0.48		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Benzene	ND		0.016		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Bromobenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Bromodichloromethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Dibromochloromethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Bromoform	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Bromomethane	ND		0.48		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Carbon disulfide	ND		0.32		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Carbon tetrachloride	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Chlorobenzene	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Chloroethane	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Chloroform	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Chloromethane	ND		0.32		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
cis-1,2-Dichloroethene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
cis-1,3-Dichloropropene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Dibromomethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Dichlorodifluoromethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Ethylbenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Hexachlorobutadiene	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Isopropylbenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: Floor-08
Date Collected: 04/07/26 07:50
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-2
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Methylene Chloride	ND		0.095		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
n-Butylbenzene	ND		0.095		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
N-Propylbenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Naphthalene	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
sec-Butylbenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Styrene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
tert-Butylbenzene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Tetrachloroethene (PCE)	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Toluene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
trans-1,2-Dichloroethene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
trans-1,3-Dichloropropene	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Trichloroethene (TCE)	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Trichlorofluoromethane	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Vinyl chloride	ND		0.032		mg/Kg		04/13/26 12:43	04/20/26 15:18	1
Xylenes, Total	ND		0.064		mg/Kg		04/13/26 12:43	04/20/26 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 147*	*04/13/26 12:43*	*04/20/26 15:18*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*04/13/26 12:43*	*04/20/26 15:18*	*1*
4-Bromofluorobenzene (Surr)	*109*		*62 - 144*	*04/13/26 12:43*	*04/20/26 15:18*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 145*	*04/13/26 12:43*	*04/20/26 15:18*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2		mg/Kg		04/13/26 12:43	04/17/26 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*	*04/13/26 12:43*	*04/17/26 00:16*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/17/26 14:36	04/17/26 23:00	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/17/26 14:36	04/17/26 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*04/17/26 14:36*	*04/17/26 23:00*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9100**		38		mg/Kg		04/27/26 22:51	04/28/26 20:12	20
Arsenic	ND		1.9		mg/Kg		04/27/26 22:51	04/28/26 20:08	5
Beryllium	ND		0.94		mg/Kg		04/27/26 22:51	04/28/26 20:08	5
Chromium	**5.8**		1.9		mg/Kg		04/27/26 22:51	04/28/26 20:08	5
Cobalt	**5.3**		0.94		mg/Kg		04/27/26 22:51	04/28/26 20:08	5
Iron	**12000**		38		mg/Kg		04/27/26 22:51	04/28/26 20:12	20
Manganese	**130**		0.94		mg/Kg		04/27/26 22:51	04/28/26 20:08	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: SWU-04
Date Collected: 04/07/26 07:30
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-3
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,1,1-Trichloroethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,1,2,2-Tetrachloroethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,1,2-Trichloroethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,1-Dichloroethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,1-Dichloroethene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,1-Dichloropropene	ND		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,2,3-Trichlorobenzene	ND		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,2,3-Trichloropropane	ND		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,2,4-Trichlorobenzene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,2,4-Trimethylbenzene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,2-Dibromo-3-Chloropropane	ND		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,2-Dibromoethane (EDB)	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,2-Dichlorobenzene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,2-Dichloroethane (EDC)	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,2-Dichloropropane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,3,5-Trimethylbenzene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,3-Dichlorobenzene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,3-Dichloropropane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1,4-Dichlorobenzene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
1-Methylnaphthalene	**0.54**		0.16		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
2,2-Dichloropropane	ND		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
2-Butanone	ND		0.41		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
2-Chlorotoluene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
2-Hexanone	ND		0.41		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
2-Methylnaphthalene	**0.63**		0.16		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
4-Chlorotoluene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
4-Isopropyltoluene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
4-Methyl-2-pentanone	ND		0.41		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Acetone	ND		0.61		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Benzene	ND		0.020		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Bromobenzene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Bromodichloromethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Dibromochloromethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Bromoform	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Bromomethane	ND		0.61		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Carbon disulfide	ND		0.41		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Carbon tetrachloride	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Chlorobenzene	ND		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Chloroethane	ND		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Chloroform	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Chloromethane	ND		0.41		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
cis-1,2-Dichloroethene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
cis-1,3-Dichloropropene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Dibromomethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Dichlorodifluoromethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Ethylbenzene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Hexachlorobutadiene	ND		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Isopropylbenzene	**0.052**		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1

Client Sample ID: SWU-04
Date Collected: 04/07/26 07:30
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-3
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Methylene Chloride	ND		0.12		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
n-Butylbenzene	ND		0.12		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
N-Propylbenzene	**0.11**		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Naphthalene	**0.22**		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
sec-Butylbenzene	**0.066**		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Styrene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
tert-Butylbenzene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Tetrachloroethene (PCE)	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Toluene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
trans-1,2-Dichloroethene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
trans-1,3-Dichloropropene	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Trichloroethene (TCE)	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Trichlorofluoromethane	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Vinyl chloride	ND		0.041		mg/Kg		04/13/26 12:43	04/20/26 15:46	1
Xylenes, Total	ND		0.081		mg/Kg		04/13/26 12:43	04/20/26 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 147*	*04/13/26 12:43*	*04/20/26 15:46*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*04/13/26 12:43*	*04/20/26 15:46*	*1*
4-Bromofluorobenzene (Surr)	*130*		*62 - 144*	*04/13/26 12:43*	*04/20/26 15:46*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 145*	*04/13/26 12:43*	*04/20/26 15:46*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**16**		4.1		mg/Kg		04/13/26 12:43	04/17/26 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*183*	*S1+*	*15 - 150*	*04/13/26 12:43*	*04/17/26 00:40*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1100**		200		mg/Kg		04/17/26 14:36	04/17/26 23:12	20
Motor Oil Range Organics [C28-C40]	**1400**		980		mg/Kg		04/17/26 14:36	04/17/26 23:12	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*04/17/26 14:36*	*04/17/26 23:12*	*20*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1900**		9.1		mg/Kg		04/27/26 22:51	04/28/26 20:15	5
Arsenic	ND		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:15	5
Beryllium	ND		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:15	5
Chromium	ND		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:15	5
Cobalt	**1.2**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:15	5
Iron	**2600**		9.1		mg/Kg		04/27/26 22:51	04/28/26 20:15	5
Manganese	**84**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:15	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: SWU-08
Date Collected: 04/09/26 07:30
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-4
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,1,1-Trichloroethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,1,2,2-Tetrachloroethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,1,2-Trichloroethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,1-Dichloroethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,1-Dichloroethene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,1-Dichloropropene	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,2,3-Trichlorobenzene	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,2,3-Trichloropropane	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,2,4-Trichlorobenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,2,4-Trimethylbenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,2-Dibromo-3-Chloropropane	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,2-Dibromoethane (EDB)	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,2-Dichlorobenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,2-Dichloroethane (EDC)	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,2-Dichloropropane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,3,5-Trimethylbenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,3-Dichlorobenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,3-Dichloropropane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1,4-Dichlorobenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
1-Methylnaphthalene	ND		0.11		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
2,2-Dichloropropane	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
2-Butanone	ND		0.28		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
2-Chlorotoluene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
2-Hexanone	ND		0.28		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
2-Methylnaphthalene	ND		0.11		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
4-Chlorotoluene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
4-Isopropyltoluene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
4-Methyl-2-pentanone	ND		0.28		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Acetone	ND		0.42		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Benzene	ND		0.014		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Bromobenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Bromodichloromethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Dibromochloromethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Bromoform	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Bromomethane	ND		0.42		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Carbon disulfide	ND		0.28		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Carbon tetrachloride	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Chlorobenzene	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Chloroethane	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Chloroform	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Chloromethane	ND		0.28		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
cis-1,2-Dichloroethene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
cis-1,3-Dichloropropene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Dibromomethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Dichlorodifluoromethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Ethylbenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Hexachlorobutadiene	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Isopropylbenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: SWU-08
Date Collected: 04/09/26 07:30
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-4
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Methylene Chloride	ND		0.085		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
n-Butylbenzene	ND		0.085		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
N-Propylbenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Naphthalene	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
sec-Butylbenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Styrene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
tert-Butylbenzene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Tetrachloroethene (PCE)	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Toluene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
trans-1,2-Dichloroethene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
trans-1,3-Dichloropropene	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Trichloroethene (TCE)	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Trichlorofluoromethane	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Vinyl chloride	ND		0.028		mg/Kg		04/13/26 12:43	04/20/26 16:14	1
Xylenes, Total	ND		0.056		mg/Kg		04/13/26 12:43	04/20/26 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 147*	*04/13/26 12:43*	*04/20/26 16:14*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*04/13/26 12:43*	*04/20/26 16:14*	*1*
4-Bromofluorobenzene (Surr)	*140*		*62 - 144*	*04/13/26 12:43*	*04/20/26 16:14*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 145*	*04/13/26 12:43*	*04/20/26 16:14*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.8		mg/Kg		04/13/26 12:43	04/17/26 08:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*04/13/26 12:43*	*04/17/26 08:06*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		04/17/26 14:36	04/17/26 23:23	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/17/26 14:36	04/17/26 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*80*		*62 - 134*	*04/17/26 14:36*	*04/17/26 23:23*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3900**		10		mg/Kg		04/27/26 22:51	04/28/26 20:18	5
Arsenic	ND		2.0		mg/Kg		04/27/26 22:51	04/28/26 20:18	5
Beryllium	ND		1.0		mg/Kg		04/27/26 22:51	04/28/26 20:18	5
Chromium	**2.6**		2.0		mg/Kg		04/27/26 22:51	04/28/26 20:18	5
Cobalt	**2.3**		1.0		mg/Kg		04/27/26 22:51	04/28/26 20:18	5
Iron	**5700**		20		mg/Kg		04/27/26 22:51	04/28/26 20:21	10
Manganese	**190**		1.0		mg/Kg		04/27/26 22:51	04/28/26 20:18	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: SWS-01
Date Collected: 04/09/26 07:45
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-5
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,1,1-Trichloroethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,1,2,2-Tetrachloroethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,1,2-Trichloroethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,1-Dichloroethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,1-Dichloroethene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,1-Dichloropropene	ND		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,2,3-Trichlorobenzene	ND		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,2,3-Trichloropropane	ND		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,2,4-Trichlorobenzene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,2,4-Trimethylbenzene	**5.2**		0.29		mg/Kg		04/13/26 12:43	04/21/26 11:52	10
1,2-Dibromo-3-Chloropropane	ND		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,2-Dibromoethane (EDB)	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,2-Dichlorobenzene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,2-Dichloroethane (EDC)	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,2-Dichloropropane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,3,5-Trimethylbenzene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,3-Dichlorobenzene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,3-Dichloropropane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1,4-Dichlorobenzene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
1-Methylnaphthalene	**8.4**		1.2		mg/Kg		04/13/26 12:43	04/21/26 11:52	10
2,2-Dichloropropane	ND		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
2-Butanone	ND		0.29		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
2-Chlorotoluene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
2-Hexanone	ND		0.29		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
2-Methylnaphthalene	**1.7**		0.12		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
4-Chlorotoluene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
4-Isopropyltoluene	**0.50**		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
4-Methyl-2-pentanone	ND		0.29		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Acetone	ND		0.43		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Benzene	ND		0.014		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Bromobenzene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Bromodichloromethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Dibromochloromethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Bromoform	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Bromomethane	ND		0.43		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Carbon disulfide	ND		0.29		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Carbon tetrachloride	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Chlorobenzene	ND		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Chloroethane	ND		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Chloroform	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Chloromethane	ND		0.29		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
cis-1,2-Dichloroethene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
cis-1,3-Dichloropropene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Dibromomethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Dichlorodifluoromethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Ethylbenzene	**0.064**		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Hexachlorobutadiene	ND		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Isopropylbenzene	**0.32**		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1

Client Sample ID: SWS-01
Date Collected: 04/09/26 07:45
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-5
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Methylene Chloride	ND		0.087		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
n-Butylbenzene	**0.42**		0.087		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
N-Propylbenzene	**0.85**		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Naphthalene	**0.82**		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
sec-Butylbenzene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Styrene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
tert-Butylbenzene	**0.099**		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Tetrachloroethene (PCE)	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Toluene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
trans-1,2-Dichloroethene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
trans-1,3-Dichloropropene	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Trichloroethene (TCE)	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Trichlorofluoromethane	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Vinyl chloride	ND		0.029		mg/Kg		04/13/26 12:43	04/20/26 16:42	1
Xylenes, Total	ND		0.058		mg/Kg		04/13/26 12:43	04/20/26 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 147*	*04/13/26 12:43*	*04/20/26 16:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 147*	*04/13/26 12:43*	*04/21/26 11:52*	*10*
Toluene-d8 (Surr)	*85*		*70 - 130*	*04/13/26 12:43*	*04/20/26 16:42*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*04/13/26 12:43*	*04/21/26 11:52*	*10*
4-Bromofluorobenzene (Surr)	*80*		*62 - 144*	*04/13/26 12:43*	*04/20/26 16:42*	*1*
4-Bromofluorobenzene (Surr)	*116*		*62 - 144*	*04/13/26 12:43*	*04/21/26 11:52*	*10*
Dibromofluoromethane (Surr)	*108*		*73 - 145*	*04/13/26 12:43*	*04/20/26 16:42*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 145*	*04/13/26 12:43*	*04/21/26 11:52*	*10*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**60**		2.9		mg/Kg		04/13/26 12:43	04/17/26 08:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*323*	*S1+*	*15 - 150*	*04/13/26 12:43*	*04/17/26 08:30*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**7000**		190		mg/Kg		04/17/26 14:36	04/17/26 23:35	20
Motor Oil Range Organics [C28-C40]	**5500**		950		mg/Kg		04/17/26 14:36	04/17/26 23:35	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*04/17/26 14:36*	*04/17/26 23:35*	*20*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2200**		9.1		mg/Kg		04/27/26 22:51	04/28/26 20:24	5
Arsenic	**3.5**		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:24	5
Beryllium	ND		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:24	5
Chromium	ND		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:24	5
Cobalt	**2.3**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:24	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: SWS-01
Date Collected: 04/09/26 07:45
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-5
Matrix: Solid

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Iron	3500		9.1		mg/Kg		04/27/26 22:51	04/28/26 20:24	5
Manganese	84		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:24	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: SWS-08
Date Collected: 04/09/26 07:40
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-6
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,1,1-Trichloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,1,2,2-Tetrachloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,1,2-Trichloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,1-Dichloroethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,1-Dichloroethene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,1-Dichloropropene	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,2,3-Trichlorobenzene	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,2,3-Trichloropropane	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,2,4-Trichlorobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,2,4-Trimethylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,2-Dibromo-3-Chloropropane	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,2-Dibromoethane (EDB)	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,2-Dichlorobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,2-Dichloroethane (EDC)	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,2-Dichloropropane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,3,5-Trimethylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,3-Dichlorobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,3-Dichloropropane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1,4-Dichlorobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
1-Methylnaphthalene	ND		0.15		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
2,2-Dichloropropane	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
2-Butanone	ND		0.39		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
2-Chlorotoluene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
2-Hexanone	ND		0.39		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
2-Methylnaphthalene	ND		0.15		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
4-Chlorotoluene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
4-Isopropyltoluene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
4-Methyl-2-pentanone	ND		0.39		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Acetone	ND		0.58		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Benzene	ND		0.019		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Bromobenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Bromodichloromethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Dibromochloromethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Bromoform	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Bromomethane	ND		0.58		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Carbon disulfide	ND		0.39		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Carbon tetrachloride	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Chlorobenzene	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Chloroethane	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Chloroform	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Chloromethane	ND		0.39		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
cis-1,2-Dichloroethene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
cis-1,3-Dichloropropene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Dibromomethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Dichlorodifluoromethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Ethylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Hexachlorobutadiene	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Isopropylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1

Client Sample ID: SWS-08
Date Collected: 04/09/26 07:40
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-6
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Methylene Chloride	ND		0.12		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
n-Butylbenzene	ND		0.12		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
N-Propylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Naphthalene	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
sec-Butylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Styrene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
tert-Butylbenzene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Tetrachloroethene (PCE)	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Toluene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
trans-1,2-Dichloroethene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
trans-1,3-Dichloropropene	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Trichloroethene (TCE)	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Trichlorofluoromethane	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Vinyl chloride	ND		0.039		mg/Kg		04/13/26 12:43	04/22/26 13:28	1
Xylenes, Total	ND		0.077		mg/Kg		04/13/26 12:43	04/22/26 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 147*	*04/13/26 12:43*	*04/22/26 13:28*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*04/13/26 12:43*	*04/22/26 13:28*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/13/26 12:43*	*04/22/26 13:28*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 145*	*04/13/26 12:43*	*04/22/26 13:28*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9		mg/Kg		04/13/26 12:43	04/17/26 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 150*	*04/13/26 12:43*	*04/17/26 01:52*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**95**		9.5		mg/Kg		04/17/26 14:36	04/19/26 14:27	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/17/26 14:36	04/19/26 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*04/17/26 14:36*	*04/19/26 14:27*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1300**		9.1		mg/Kg		04/27/26 22:51	04/28/26 20:27	5
Arsenic	ND		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:27	5
Beryllium	ND		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:27	5
Chromium	ND		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:27	5
Cobalt	**1.2**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:27	5
Iron	**1900**		9.1		mg/Kg		04/27/26 22:51	04/28/26 20:27	5
Manganese	**90**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:27	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: Floor-01
Date Collected: 04/09/26 08:20
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-7
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,1,1-Trichloroethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,1,2,2-Tetrachloroethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,1,2-Trichloroethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,1-Dichloroethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,1-Dichloroethene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,1-Dichloropropene	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,2,3-Trichlorobenzene	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,2,3-Trichloropropane	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,2,4-Trichlorobenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,2,4-Trimethylbenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,2-Dibromo-3-Chloropropane	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,2-Dibromoethane (EDB)	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,2-Dichlorobenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,2-Dichloroethane (EDC)	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,2-Dichloropropane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,3,5-Trimethylbenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,3-Dichlorobenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,3-Dichloropropane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1,4-Dichlorobenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
1-Methylnaphthalene	ND		0.15		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
2,2-Dichloropropane	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
2-Butanone	ND		0.37		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
2-Chlorotoluene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
2-Hexanone	ND		0.37		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
2-Methylnaphthalene	ND		0.15		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
4-Chlorotoluene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
4-Isopropyltoluene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
4-Methyl-2-pentanone	ND		0.37		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Acetone	ND		0.56		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Benzene	ND		0.019		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Bromobenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Bromodichloromethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Dibromochloromethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Bromoform	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Bromomethane	ND		0.56		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Carbon disulfide	ND		0.37		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Carbon tetrachloride	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Chlorobenzene	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Chloroethane	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Chloroform	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Chloromethane	ND		0.37		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
cis-1,2-Dichloroethene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
cis-1,3-Dichloropropene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Dibromomethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Dichlorodifluoromethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Ethylbenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Hexachlorobutadiene	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Isopropylbenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1

Client Sample ID: Floor-01
Date Collected: 04/09/26 08:20
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-7
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Methylene Chloride	ND		0.11		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
n-Butylbenzene	ND		0.11		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
N-Propylbenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Naphthalene	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
sec-Butylbenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Styrene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
tert-Butylbenzene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Tetrachloroethene (PCE)	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Toluene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
trans-1,2-Dichloroethene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
trans-1,3-Dichloropropene	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Trichloroethene (TCE)	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Trichlorofluoromethane	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Vinyl chloride	ND		0.037		mg/Kg		04/13/26 12:43	04/20/26 17:39	1
Xylenes, Total	ND		0.075		mg/Kg		04/13/26 12:43	04/20/26 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 147*	*04/13/26 12:43*	*04/20/26 17:39*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*04/13/26 12:43*	*04/20/26 17:39*	*1*
4-Bromofluorobenzene (Surr)	*122*		*62 - 144*	*04/13/26 12:43*	*04/20/26 17:39*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 145*	*04/13/26 12:43*	*04/20/26 17:39*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7		mg/Kg		04/13/26 12:43	04/17/26 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*15 - 150*	*04/13/26 12:43*	*04/17/26 02:16*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**270**		9.6		mg/Kg		04/17/26 14:36	04/19/26 15:14	1
Motor Oil Range Organics [C28-C40]	**110**		48		mg/Kg		04/17/26 14:36	04/19/26 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*04/17/26 14:36*	*04/19/26 15:14*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3800**		9.1		mg/Kg		04/27/26 22:51	04/28/26 20:31	5
Arsenic	ND		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:31	5
Beryllium	ND		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:31	5
Chromium	**2.3**		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:31	5
Cobalt	**2.4**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:31	5
Iron	**4900**		18		mg/Kg		04/27/26 22:51	04/28/26 20:39	10
Manganese	**160**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:31	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: Floor-05
Date Collected: 04/09/26 08:40
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-8
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,1,1-Trichloroethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,1,2,2-Tetrachloroethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,1,2-Trichloroethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,1-Dichloroethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,1-Dichloroethene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,1-Dichloropropene	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,2,3-Trichlorobenzene	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,2,3-Trichloropropane	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,2,4-Trichlorobenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,2,4-Trimethylbenzene	**0.065**		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,2-Dibromo-3-Chloropropane	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,2-Dibromoethane (EDB)	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,2-Dichlorobenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,2-Dichloroethane (EDC)	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,2-Dichloropropane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,3,5-Trimethylbenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,3-Dichlorobenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,3-Dichloropropane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1,4-Dichlorobenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
1-Methylnaphthalene	ND		0.15		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
2,2-Dichloropropane	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
2-Butanone	ND		0.38		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
2-Chlorotoluene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
2-Hexanone	ND		0.38		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
2-Methylnaphthalene	ND		0.15		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
4-Chlorotoluene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
4-Isopropyltoluene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
4-Methyl-2-pentanone	ND		0.38		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Acetone	ND		0.58		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Benzene	ND		0.019		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Bromobenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Bromodichloromethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Dibromochloromethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Bromoform	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Bromomethane	ND		0.58		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Carbon disulfide	ND		0.38		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Carbon tetrachloride	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Chlorobenzene	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Chloroethane	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Chloroform	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Chloromethane	ND		0.38		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
cis-1,2-Dichloroethene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
cis-1,3-Dichloropropene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Dibromomethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Dichlorodifluoromethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Ethylbenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Hexachlorobutadiene	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Isopropylbenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1

Client Sample ID: Floor-05
Date Collected: 04/09/26 08:40
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-8
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Methylene Chloride	ND		0.12		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
n-Butylbenzene	ND		0.12		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
N-Propylbenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Naphthalene	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
sec-Butylbenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Styrene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
tert-Butylbenzene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Tetrachloroethene (PCE)	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Toluene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
trans-1,2-Dichloroethene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
trans-1,3-Dichloropropene	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Trichloroethene (TCE)	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Trichlorofluoromethane	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Vinyl chloride	ND		0.038		mg/Kg		04/13/26 12:43	04/20/26 18:07	1
Xylenes, Total	ND		0.077		mg/Kg		04/13/26 12:43	04/20/26 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 147*	*04/13/26 12:43*	*04/20/26 18:07*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*04/13/26 12:43*	*04/20/26 18:07*	*1*
4-Bromofluorobenzene (Surr)	*104*		*62 - 144*	*04/13/26 12:43*	*04/20/26 18:07*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 145*	*04/13/26 12:43*	*04/20/26 18:07*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.8		mg/Kg		04/13/26 12:43	04/17/26 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*		*15 - 150*	*04/13/26 12:43*	*04/17/26 02:40*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**41**		9.9		mg/Kg		04/17/26 14:36	04/18/26 00:20	1
Motor Oil Range Organics [C28-C40]	**59**		50		mg/Kg		04/17/26 14:36	04/18/26 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*04/17/26 14:36*	*04/18/26 00:20*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4400**		18		mg/Kg		04/27/26 22:51	04/28/26 20:45	10
Arsenic	ND		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:42	5
Beryllium	ND		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:42	5
Chromium	**3.0**		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:42	5
Cobalt	**2.5**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:42	5
Iron	**5700**		18		mg/Kg		04/27/26 22:51	04/28/26 20:45	10
Manganese	**260**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:42	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: SWS-07
Date Collected: 04/09/26 15:45
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-9
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,1,1-Trichloroethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,1,2,2-Tetrachloroethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,1,2-Trichloroethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,1-Dichloroethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,1-Dichloroethene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,1-Dichloropropene	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,2,3-Trichlorobenzene	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,2,3-Trichloropropane	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,2,4-Trichlorobenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,2,4-Trimethylbenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,2-Dibromo-3-Chloropropane	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,2-Dibromoethane (EDB)	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,2-Dichlorobenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,2-Dichloroethane (EDC)	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,2-Dichloropropane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,3,5-Trimethylbenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,3-Dichlorobenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,3-Dichloropropane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1,4-Dichlorobenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
1-Methylnaphthalene	ND		0.14		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
2,2-Dichloropropane	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
2-Butanone	ND		0.35		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
2-Chlorotoluene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
2-Hexanone	ND		0.35		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
2-Methylnaphthalene	ND		0.14		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
4-Chlorotoluene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
4-Isopropyltoluene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
4-Methyl-2-pentanone	ND		0.35		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Acetone	ND		0.52		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Benzene	ND		0.017		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Bromobenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Bromodichloromethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Dibromochloromethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Bromoform	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Bromomethane	ND		0.52		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Carbon disulfide	ND		0.35		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Carbon tetrachloride	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Chlorobenzene	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Chloroethane	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Chloroform	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Chloromethane	ND		0.35		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
cis-1,2-Dichloroethene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
cis-1,3-Dichloropropene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Dibromomethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Dichlorodifluoromethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Ethylbenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Hexachlorobutadiene	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Isopropylbenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1

Client Sample ID: SWS-07
Date Collected: 04/09/26 15:45
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-9
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Methylene Chloride	ND		0.10		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
n-Butylbenzene	ND		0.10		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
N-Propylbenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Naphthalene	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
sec-Butylbenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Styrene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
tert-Butylbenzene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Tetrachloroethene (PCE)	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Toluene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
trans-1,2-Dichloroethene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
trans-1,3-Dichloropropene	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Trichloroethene (TCE)	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Trichlorofluoromethane	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Vinyl chloride	ND		0.035		mg/Kg		04/13/26 12:43	04/20/26 18:35	1
Xylenes, Total	ND		0.070		mg/Kg		04/13/26 12:43	04/20/26 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 147*	*04/13/26 12:43*	*04/20/26 18:35*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*04/13/26 12:43*	*04/20/26 18:35*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/13/26 12:43*	*04/20/26 18:35*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 145*	*04/13/26 12:43*	*04/20/26 18:35*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.5		mg/Kg		04/13/26 12:43	04/17/26 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*15 - 150*	*04/13/26 12:43*	*04/17/26 03:04*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**970**		98		mg/Kg		04/17/26 14:36	04/18/26 00:32	10
Motor Oil Range Organics [C28-C40]	**1100**		490		mg/Kg		04/17/26 14:36	04/18/26 00:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*04/17/26 14:36*	*04/18/26 00:32*	*10*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4800**		20		mg/Kg		04/27/26 22:51	04/28/26 20:52	10
Arsenic	**2.1**		2.0		mg/Kg		04/27/26 22:51	04/28/26 20:48	5
Beryllium	ND		1.0		mg/Kg		04/27/26 22:51	04/28/26 20:48	5
Chromium	**3.0**		2.0		mg/Kg		04/27/26 22:51	04/28/26 20:48	5
Cobalt	**3.2**		1.0		mg/Kg		04/27/26 22:51	04/28/26 20:48	5
Iron	**6300**		20		mg/Kg		04/27/26 22:51	04/28/26 20:52	10
Manganese	**180**		1.0		mg/Kg		04/27/26 22:51	04/28/26 20:48	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: SWS-06
Date Collected: 04/09/26 16:00
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-10
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,1,1-Trichloroethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,1,2,2-Tetrachloroethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,1,2-Trichloroethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,1-Dichloroethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,1-Dichloroethene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,1-Dichloropropene	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,2,3-Trichlorobenzene	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,2,3-Trichloropropane	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,2,4-Trichlorobenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,2,4-Trimethylbenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,2-Dibromo-3-Chloropropane	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,2-Dibromoethane (EDB)	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,2-Dichlorobenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,2-Dichloroethane (EDC)	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,2-Dichloropropane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,3,5-Trimethylbenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,3-Dichlorobenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,3-Dichloropropane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1,4-Dichlorobenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
1-Methylnaphthalene	ND		0.16		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
2,2-Dichloropropane	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
2-Butanone	ND		0.40		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
2-Chlorotoluene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
2-Hexanone	ND		0.40		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
2-Methylnaphthalene	ND		0.16		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
4-Chlorotoluene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
4-Isopropyltoluene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
4-Methyl-2-pentanone	ND		0.40		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Acetone	ND		0.60		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Benzene	ND		0.020		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Bromobenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Bromodichloromethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Dibromochloromethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Bromoform	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Bromomethane	ND		0.60		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Carbon disulfide	ND		0.40		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Carbon tetrachloride	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Chlorobenzene	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Chloroethane	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Chloroform	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Chloromethane	ND		0.40		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
cis-1,2-Dichloroethene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
cis-1,3-Dichloropropene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Dibromomethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Dichlorodifluoromethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Ethylbenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Hexachlorobutadiene	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Isopropylbenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1

Client Sample ID: SWS-06
Date Collected: 04/09/26 16:00
Date Received: 04/10/26 16:11

Lab Sample ID: 885-47105-10
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Methylene Chloride	ND		0.12		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
n-Butylbenzene	ND		0.12		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
N-Propylbenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Naphthalene	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
sec-Butylbenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Styrene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
tert-Butylbenzene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Tetrachloroethene (PCE)	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Toluene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
trans-1,2-Dichloroethene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
trans-1,3-Dichloropropene	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Trichloroethene (TCE)	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Trichlorofluoromethane	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Vinyl chloride	ND		0.040		mg/Kg		04/13/26 12:45	04/20/26 19:03	1
Xylenes, Total	ND		0.080		mg/Kg		04/13/26 12:45	04/20/26 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 147*	*04/13/26 12:45*	*04/20/26 19:03*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*04/13/26 12:45*	*04/20/26 19:03*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/13/26 12:45*	*04/20/26 19:03*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 145*	*04/13/26 12:45*	*04/20/26 19:03*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0		mg/Kg		04/13/26 12:45	04/17/26 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*04/13/26 12:45*	*04/17/26 03:28*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1100**		200		mg/Kg		04/17/26 14:36	04/18/26 00:43	20
Motor Oil Range Organics [C28-C40]	**1300**		990		mg/Kg		04/17/26 14:36	04/18/26 00:43	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*04/17/26 14:36*	*04/18/26 00:43*	*20*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6500**		36		mg/Kg		04/27/26 22:51	04/28/26 20:58	20
Arsenic	**2.4**		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:55	5
Beryllium	ND		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:55	5
Chromium	**4.3**		1.8		mg/Kg		04/27/26 22:51	04/28/26 20:55	5
Cobalt	**5.4**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:55	5
Iron	**9200**		36		mg/Kg		04/27/26 22:51	04/28/26 20:58	20
Manganese	**210**		0.91		mg/Kg		04/27/26 22:51	04/28/26 20:55	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-46612/1-A
Matrix: Solid
Analysis Batch: 47110

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46612

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,1,2-Trichloroethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,1-Dichloroethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,1-Dichloroethene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,1-Dichloropropene	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,2,3-Trichlorobenzene	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,2-Dibromo-3-Chloropropane	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,2-Dichloropropane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,3-Dichloropropane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
1-Methylnaphthalene	ND		0.20		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
2,2-Dichloropropane	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
2-Butanone	ND		0.50		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
2-Chlorotoluene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
2-Hexanone	ND		0.50		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
2-Methylnaphthalene	ND		0.20		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
4-Chlorotoluene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
4-Isopropyltoluene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Acetone	ND		0.75		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Benzene	ND		0.025		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Bromobenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Bromodichloromethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Dibromochloromethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Bromoform	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Bromomethane	ND		0.75		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Carbon disulfide	ND		0.50		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Carbon tetrachloride	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Chlorobenzene	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Chloroethane	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Chloroform	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Chloromethane	ND		0.50		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Dibromomethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Ethylbenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Hexachlorobutadiene	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-46612/1-A
Matrix: Solid
Analysis Batch: 47110

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46612

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Methylene Chloride	ND		0.15		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
n-Butylbenzene	ND		0.15		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
N-Propylbenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Naphthalene	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
sec-Butylbenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Styrene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
tert-Butylbenzene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Toluene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Trichlorofluoromethane	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Vinyl chloride	ND		0.050		mg/Kg		04/13/26 12:42	04/20/26 11:04	1
Xylenes, Total	ND		0.10		mg/Kg		04/13/26 12:42	04/20/26 11:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 147*	*04/13/26 12:42*	*04/20/26 11:04*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*04/13/26 12:42*	*04/20/26 11:04*	*1*
4-Bromofluorobenzene (Surr)	*108*		*62 - 144*	*04/13/26 12:42*	*04/20/26 11:04*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 145*	*04/13/26 12:42*	*04/20/26 11:04*	*1*

Lab Sample ID: LCS 885-46612/4-A
Matrix: Solid
Analysis Batch: 47110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46612

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			1.00	0.944		mg/Kg		94	70 - 130		
Benzene			1.00	1.09		mg/Kg		109	70 - 130		
Chlorobenzene			1.00	0.958		mg/Kg		96	70 - 130		
Toluene			1.00	0.923		mg/Kg		92	70 - 130		
Trichloroethene (TCE)			1.00	0.990		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 147*
Toluene-d8 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*62 - 144*
Dibromofluoromethane (Surr)	*109*		*73 - 145*

Lab Sample ID: 885-47105-1 MS
Matrix: Solid
Analysis Batch: 47110

Client Sample ID: Floor-07
Prep Type: Total/NA
Prep Batch: 46612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene	ND		0.781	0.749		mg/Kg		96	34 - 140		
Benzene	ND		0.781	0.803		mg/Kg		103	61 - 141		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 885-47105-1 MS
Matrix: Solid
Analysis Batch: 47110

Client Sample ID: Floor-07
Prep Type: Total/NA
Prep Batch: 46612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		0.781	0.737		mg/Kg		94	61 - 133
Toluene	ND		0.781	0.723		mg/Kg		93	15 - 261
Trichloroethene (TCE)	ND		0.781	0.741		mg/Kg		95	58 - 134

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 147*
Toluene-d8 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*62 - 144*
Dibromofluoromethane (Surr)	*104*		*73 - 145*

Lab Sample ID: 885-47105-1 MSD
Matrix: Solid
Analysis Batch: 47110

Client Sample ID: Floor-07
Prep Type: Total/NA
Prep Batch: 46612

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		0.781	0.661		mg/Kg		85	34 - 140	12	20
Benzene	ND		0.781	0.757		mg/Kg		97	61 - 141	6	20
Chlorobenzene	ND		0.781	0.665		mg/Kg		85	61 - 133	10	20
Toluene	ND		0.781	0.674		mg/Kg		86	15 - 261	7	20
Trichloroethene (TCE)	ND		0.781	0.724		mg/Kg		93	58 - 134	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 147*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*62 - 144*
Dibromofluoromethane (Surr)	*110*		*73 - 145*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-46612/1-A
Matrix: Solid
Analysis Batch: 46903

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46612

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		04/13/26 12:42	04/16/26 23:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*15 - 150*	*04/13/26 12:42*	*04/16/26 23:28*	*1*

Lab Sample ID: LCS 885-46612/2-A
Matrix: Solid
Analysis Batch: 46903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46612

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	27.9		mg/Kg		112	70 - 130

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 885-46612/2-A
Matrix: Solid
Analysis Batch: 46903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46612

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*219*		*15 - 150*

Lab Sample ID: 885-47105-2 MS
Matrix: Solid
Analysis Batch: 46903

Client Sample ID: Floor-08
Prep Type: Total/NA
Prep Batch: 46612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		15.9	18.0		mg/Kg		113	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*227*		*15 - 150*

Lab Sample ID: 885-47105-2 MSD
Matrix: Solid
Analysis Batch: 46903

Client Sample ID: Floor-08
Prep Type: Total/NA
Prep Batch: 46612

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		15.9	17.7		mg/Kg		111	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*228*		*15 - 150*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-46993/1-A
Matrix: Solid
Analysis Batch: 46927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46993

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/17/26 14:36	04/17/26 22:25	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/17/26 14:36	04/17/26 22:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*	*04/17/26 14:36*	*04/17/26 22:25*	*1*

Lab Sample ID: LCS 885-46993/2-A
Matrix: Solid
Analysis Batch: 46927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46993

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	40.1		mg/Kg		80	51 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*75*		*62 - 134*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-317555/1-A
Matrix: Solid
Analysis Batch: 318059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 317555

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		2.0		mg/Kg		04/27/26 22:50	04/28/26 19:31	1
Arsenic	ND		0.40		mg/Kg		04/27/26 22:50	04/28/26 19:31	1
Beryllium	ND		0.20		mg/Kg		04/27/26 22:50	04/28/26 19:31	1
Chromium	ND		0.40		mg/Kg		04/27/26 22:50	04/28/26 19:31	1
Cobalt	ND		0.20		mg/Kg		04/27/26 22:50	04/28/26 19:31	1
Iron	ND		2.0		mg/Kg		04/27/26 22:50	04/28/26 19:31	1
Manganese	ND		0.20		mg/Kg		04/27/26 22:50	04/28/26 19:31	1

Lab Sample ID: LCS 860-317555/2-A
Matrix: Solid
Analysis Batch: 318059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 317555

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			50.0	46.0		mg/Kg		92	80 - 120		
Arsenic			10.0	9.72		mg/Kg		97	80 - 120		
Beryllium			10.0	9.79		mg/Kg		98	80 - 120		
Chromium			10.0	9.82		mg/Kg		98	80 - 120		
Cobalt			10.0	9.71		mg/Kg		97	80 - 120		
Iron			50.0	48.4		mg/Kg		97	80 - 120		
Manganese			10.0	9.53		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 860-317555/3-A
Matrix: Solid
Analysis Batch: 318059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 317555

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			50.0	48.5		mg/Kg		97	80 - 120	5	20
Arsenic			10.0	9.83		mg/Kg		98	80 - 120	1	20
Beryllium			10.0	9.73		mg/Kg		97	80 - 120	1	20
Chromium			10.0	9.83		mg/Kg		98	80 - 120	0	20
Cobalt			10.0	9.79		mg/Kg		98	80 - 120	1	20
Iron			50.0	48.9		mg/Kg		98	80 - 120	1	20
Manganese			10.0	9.60		mg/Kg		96	80 - 120	1	20

GC/MS VOA

Prep Batch: 46612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-1	Floor-07	Total/NA	Solid	5035	
885-47105-2	Floor-08	Total/NA	Solid	5035	
885-47105-3	SWU-04	Total/NA	Solid	5035	
885-47105-4	SWU-08	Total/NA	Solid	5035	
885-47105-5	SWS-01	Total/NA	Solid	5035	
885-47105-6	SWS-08	Total/NA	Solid	5035	
885-47105-7	Floor-01	Total/NA	Solid	5035	
885-47105-8	Floor-05	Total/NA	Solid	5035	
885-47105-9	SWS-07	Total/NA	Solid	5035	
885-47105-10	SWS-06	Total/NA	Solid	5035	
MB 885-46612/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-46612/4-A	Lab Control Sample	Total/NA	Solid	5035	
885-47105-1 MS	Floor-07	Total/NA	Solid	5035	
885-47105-1 MSD	Floor-07	Total/NA	Solid	5035	

Analysis Batch: 47110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-1	Floor-07	Total/NA	Solid	8260B	46612
885-47105-2	Floor-08	Total/NA	Solid	8260B	46612
885-47105-3	SWU-04	Total/NA	Solid	8260B	46612
885-47105-4	SWU-08	Total/NA	Solid	8260B	46612
885-47105-5	SWS-01	Total/NA	Solid	8260B	46612
885-47105-7	Floor-01	Total/NA	Solid	8260B	46612
885-47105-8	Floor-05	Total/NA	Solid	8260B	46612
885-47105-9	SWS-07	Total/NA	Solid	8260B	46612
885-47105-10	SWS-06	Total/NA	Solid	8260B	46612
MB 885-46612/1-A	Method Blank	Total/NA	Solid	8260B	46612
LCS 885-46612/4-A	Lab Control Sample	Total/NA	Solid	8260B	46612
885-47105-1 MS	Floor-07	Total/NA	Solid	8260B	46612
885-47105-1 MSD	Floor-07	Total/NA	Solid	8260B	46612

Analysis Batch: 47146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-5	SWS-01	Total/NA	Solid	8260B	46612

Analysis Batch: 47256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-6	SWS-08	Total/NA	Solid	8260B	46612

GC VOA

Prep Batch: 46612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-1	Floor-07	Total/NA	Solid	5035	
885-47105-2	Floor-08	Total/NA	Solid	5035	
885-47105-3	SWU-04	Total/NA	Solid	5035	
885-47105-4	SWU-08	Total/NA	Solid	5035	
885-47105-5	SWS-01	Total/NA	Solid	5035	
885-47105-6	SWS-08	Total/NA	Solid	5035	
885-47105-7	Floor-01	Total/NA	Solid	5035	
885-47105-8	Floor-05	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 46612 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-9	SWS-07	Total/NA	Solid	5035	
885-47105-10	SWS-06	Total/NA	Solid	5035	
MB 885-46612/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-46612/2-A	Lab Control Sample	Total/NA	Solid	5035	
885-47105-2 MS	Floor-08	Total/NA	Solid	5035	
885-47105-2 MSD	Floor-08	Total/NA	Solid	5035	

Analysis Batch: 46903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-1	Floor-07	Total/NA	Solid	8015D	46612
885-47105-2	Floor-08	Total/NA	Solid	8015D	46612
885-47105-3	SWU-04	Total/NA	Solid	8015D	46612
885-47105-6	SWS-08	Total/NA	Solid	8015D	46612
885-47105-7	Floor-01	Total/NA	Solid	8015D	46612
885-47105-8	Floor-05	Total/NA	Solid	8015D	46612
885-47105-9	SWS-07	Total/NA	Solid	8015D	46612
885-47105-10	SWS-06	Total/NA	Solid	8015D	46612
MB 885-46612/1-A	Method Blank	Total/NA	Solid	8015D	46612
LCS 885-46612/2-A	Lab Control Sample	Total/NA	Solid	8015D	46612
885-47105-2 MS	Floor-08	Total/NA	Solid	8015D	46612
885-47105-2 MSD	Floor-08	Total/NA	Solid	8015D	46612

Analysis Batch: 46919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-4	SWU-08	Total/NA	Solid	8015D	46612
885-47105-5	SWS-01	Total/NA	Solid	8015D	46612

GC Semi VOA

Analysis Batch: 46927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-1	Floor-07	Total/NA	Solid	8015D	46993
885-47105-2	Floor-08	Total/NA	Solid	8015D	46993
885-47105-3	SWU-04	Total/NA	Solid	8015D	46993
885-47105-4	SWU-08	Total/NA	Solid	8015D	46993
885-47105-5	SWS-01	Total/NA	Solid	8015D	46993
885-47105-8	Floor-05	Total/NA	Solid	8015D	46993
885-47105-9	SWS-07	Total/NA	Solid	8015D	46993
885-47105-10	SWS-06	Total/NA	Solid	8015D	46993
MB 885-46993/1-A	Method Blank	Total/NA	Solid	8015D	46993
LCS 885-46993/2-A	Lab Control Sample	Total/NA	Solid	8015D	46993

Prep Batch: 46993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-1	Floor-07	Total/NA	Solid	SHAKE	
885-47105-2	Floor-08	Total/NA	Solid	SHAKE	
885-47105-3	SWU-04	Total/NA	Solid	SHAKE	
885-47105-4	SWU-08	Total/NA	Solid	SHAKE	
885-47105-5	SWS-01	Total/NA	Solid	SHAKE	
885-47105-6	SWS-08	Total/NA	Solid	SHAKE	
885-47105-7	Floor-01	Total/NA	Solid	SHAKE	

GC Semi VOA (Continued)

Prep Batch: 46993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-8	Floor-05	Total/NA	Solid	SHAKE	
885-47105-9	SWS-07	Total/NA	Solid	SHAKE	
885-47105-10	SWS-06	Total/NA	Solid	SHAKE	
MB 885-46993/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-46993/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 47050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-6	SWS-08	Total/NA	Solid	8015D	46993
885-47105-7	Floor-01	Total/NA	Solid	8015D	46993

Metals

Prep Batch: 317555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-1	Floor-07	Total/NA	Solid	3051A	
885-47105-2	Floor-08	Total/NA	Solid	3051A	
885-47105-3	SWU-04	Total/NA	Solid	3051A	
885-47105-4	SWU-08	Total/NA	Solid	3051A	
885-47105-5	SWS-01	Total/NA	Solid	3051A	
885-47105-6	SWS-08	Total/NA	Solid	3051A	
885-47105-7	Floor-01	Total/NA	Solid	3051A	
885-47105-8	Floor-05	Total/NA	Solid	3051A	
885-47105-9	SWS-07	Total/NA	Solid	3051A	
885-47105-10	SWS-06	Total/NA	Solid	3051A	
MB 860-317555/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 860-317555/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 860-317555/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 318059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47105-1	Floor-07	Total/NA	Solid	6020B	317555
885-47105-1	Floor-07	Total/NA	Solid	6020B	317555
885-47105-2	Floor-08	Total/NA	Solid	6020B	317555
885-47105-2	Floor-08	Total/NA	Solid	6020B	317555
885-47105-3	SWU-04	Total/NA	Solid	6020B	317555
885-47105-4	SWU-08	Total/NA	Solid	6020B	317555
885-47105-4	SWU-08	Total/NA	Solid	6020B	317555
885-47105-5	SWS-01	Total/NA	Solid	6020B	317555
885-47105-6	SWS-08	Total/NA	Solid	6020B	317555
885-47105-7	Floor-01	Total/NA	Solid	6020B	317555
885-47105-7	Floor-01	Total/NA	Solid	6020B	317555
885-47105-8	Floor-05	Total/NA	Solid	6020B	317555
885-47105-8	Floor-05	Total/NA	Solid	6020B	317555
885-47105-9	SWS-07	Total/NA	Solid	6020B	317555
885-47105-9	SWS-07	Total/NA	Solid	6020B	317555
885-47105-10	SWS-06	Total/NA	Solid	6020B	317555
885-47105-10	SWS-06	Total/NA	Solid	6020B	317555
MB 860-317555/1-A	Method Blank	Total/NA	Solid	6020B	317555
LCS 860-317555/2-A	Lab Control Sample	Total/NA	Solid	6020B	317555
LCSD 860-317555/3-A	Lab Control Sample Dup	Total/NA	Solid	6020B	317555

Lab Chronicle

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: Floor-07

Lab Sample ID: 885-47105-1

Date Collected: 04/07/26 07:38
Matrix: Solid
Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		1	47110	ES	EET ALB	04/20/26 13:53
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8015D		1	46903	VP	EET ALB	04/16/26 23:52
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		20	46927	EM	EET ALB	04/17/26 22:48
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:02
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		20	318059	DP	EET HOU	04/28/26 20:05

Client Sample ID: Floor-08

Lab Sample ID: 885-47105-2

Date Collected: 04/07/26 07:50
Matrix: Solid
Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		1	47110	ES	EET ALB	04/20/26 15:18
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8015D		1	46903	VP	EET ALB	04/17/26 00:16
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		1	46927	EM	EET ALB	04/17/26 23:00
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:08
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		20	318059	DP	EET HOU	04/28/26 20:12

Client Sample ID: SWU-04

Lab Sample ID: 885-47105-3

Date Collected: 04/07/26 07:30
Matrix: Solid
Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		1	47110	ES	EET ALB	04/20/26 15:46
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8015D		1	46903	VP	EET ALB	04/17/26 00:40
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		20	46927	EM	EET ALB	04/17/26 23:12
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:15

Lab Chronicle

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Client Sample ID: SWU-08

Lab Sample ID: 885-47105-4

Date Collected: 04/09/26 07:30
Matrix: Solid
Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		1	47110	ES	EET ALB	04/20/26 16:14
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8015D		1	46919	VP	EET ALB	04/17/26 08:06
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		1	46927	EM	EET ALB	04/17/26 23:23
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:18
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		10	318059	DP	EET HOU	04/28/26 20:21

Client Sample ID: SWS-01

Lab Sample ID: 885-47105-5

Date Collected: 04/09/26 07:45
Matrix: Solid
Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		1	47110	ES	EET ALB	04/20/26 16:42
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		10	47146	ES	EET ALB	04/21/26 11:52
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8015D		1	46919	VP	EET ALB	04/17/26 08:30
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		20	46927	EM	EET ALB	04/17/26 23:35
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:24

Client Sample ID: SWS-08

Lab Sample ID: 885-47105-6

Date Collected: 04/09/26 07:40
Matrix: Solid
Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		1	47256	ES	EET ALB	04/22/26 13:28
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8015D		1	46903	VP	EET ALB	04/17/26 01:52
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		1	47050	DB	EET ALB	04/19/26 14:27
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:27

Client Sample ID: Floor-01

Lab Sample ID: 885-47105-7

Date Collected: 04/09/26 08:20

Matrix: Solid

Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		1	47110	ES	EET ALB	04/20/26 17:39
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8015D		1	46903	VP	EET ALB	04/17/26 02:16
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		1	47050	DB	EET ALB	04/19/26 15:14
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:31
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		10	318059	DP	EET HOU	04/28/26 20:39

Client Sample ID: Floor-05

Lab Sample ID: 885-47105-8

Date Collected: 04/09/26 08:40

Matrix: Solid

Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		1	47110	ES	EET ALB	04/20/26 18:07
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8015D		1	46903	VP	EET ALB	04/17/26 02:40
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		1	46927	EM	EET ALB	04/18/26 00:20
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:42
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		10	318059	DP	EET HOU	04/28/26 20:45

Client Sample ID: SWS-07

Lab Sample ID: 885-47105-9

Date Collected: 04/09/26 15:45

Matrix: Solid

Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8260B		1	47110	ES	EET ALB	04/20/26 18:35
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:43
Total/NA	Analysis	8015D		1	46903	VP	EET ALB	04/17/26 03:04
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		10	46927	EM	EET ALB	04/18/26 00:32
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:48
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		10	318059	DP	EET HOU	04/28/26 20:52

Lab Chronicle

Client: EA Engineering
Job ID: 885-47105-1
Project/Site: Former Aerex Refinery

Client Sample ID: SWS-06
Lab Sample ID: 885-47105-10

Date Collected: 04/09/26 16:00
Matrix: Solid
Date Received: 04/10/26 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:45
Total/NA	Analysis	8260B		1	47110	ES	EET ALB	04/20/26 19:03
Total/NA	Prep	5035			46612	VP	EET ALB	04/13/26 12:45
Total/NA	Analysis	8015D		1	46903	VP	EET ALB	04/17/26 03:28
Total/NA	Prep	SHAKE			46993	JF	EET ALB	04/17/26 14:36
Total/NA	Analysis	8015D		20	46927	EM	EET ALB	04/18/26 00:43
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 20:55
Total/NA	Prep	3051A			317555	PB	EET HOU	04/27/26 22:51
Total/NA	Analysis	6020B		20	318059	DP	EET HOU	04/28/26 20:58

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47105-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D	5035	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8260B	5035	Solid	1,1,1,2-Tetrachloroethane
8260B	5035	Solid	1,1,1-Trichloroethane
8260B	5035	Solid	1,1,2,2-Tetrachloroethane
8260B	5035	Solid	1,1,2-Trichloroethane
8260B	5035	Solid	1,1-Dichloroethane
8260B	5035	Solid	1,1-Dichloroethene
8260B	5035	Solid	1,1-Dichloropropene
8260B	5035	Solid	1,2,3-Trichlorobenzene
8260B	5035	Solid	1,2,3-Trichloropropane
8260B	5035	Solid	1,2,4-Trichlorobenzene
8260B	5035	Solid	1,2,4-Trimethylbenzene
8260B	5035	Solid	1,2-Dibromo-3-Chloropropane
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	1,2-Dichlorobenzene
8260B	5035	Solid	1,2-Dichloroethane (EDC)
8260B	5035	Solid	1,2-Dichloropropane
8260B	5035	Solid	1,3,5-Trimethylbenzene
8260B	5035	Solid	1,3-Dichlorobenzene
8260B	5035	Solid	1,3-Dichloropropane
8260B	5035	Solid	1,4-Dichlorobenzene
8260B	5035	Solid	1-Methylnaphthalene
8260B	5035	Solid	2,2-Dichloropropane
8260B	5035	Solid	2-Butanone
8260B	5035	Solid	2-Chlorotoluene
8260B	5035	Solid	2-Hexanone
8260B	5035	Solid	2-Methylnaphthalene
8260B	5035	Solid	4-Chlorotoluene
8260B	5035	Solid	4-Isopropyltoluene
8260B	5035	Solid	4-Methyl-2-pentanone
8260B	5035	Solid	Acetone
8260B	5035	Solid	Benzene
8260B	5035	Solid	Bromobenzene
8260B	5035	Solid	Bromodichloromethane
8260B	5035	Solid	Bromoform
8260B	5035	Solid	Bromomethane
8260B	5035	Solid	Carbon disulfide
8260B	5035	Solid	Carbon tetrachloride
8260B	5035	Solid	Chlorobenzene
8260B	5035	Solid	Chloroethane
8260B	5035	Solid	Chloroform
8260B	5035	Solid	Chloromethane
8260B	5035	Solid	cis-1,2-Dichloroethene

Client: EA Engineering
Job ID: 885-47105-1
Project/Site: Former Aerex Refinery

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B	5035	Solid	cis-1,3-Dichloropropene
8260B	5035	Solid	Dibromochloromethane
8260B	5035	Solid	Dibromomethane
8260B	5035	Solid	Dichlorodifluoromethane
8260B	5035	Solid	Ethylbenzene
8260B	5035	Solid	Hexachlorobutadiene
8260B	5035	Solid	Isopropylbenzene
8260B	5035	Solid	Methylene Chloride
8260B	5035	Solid	Methyl-tert-butyl Ether (MTBE)
8260B	5035	Solid	Naphthalene
8260B	5035	Solid	n-Butylbenzene
8260B	5035	Solid	N-Propylbenzene
8260B	5035	Solid	sec-Butylbenzene
8260B	5035	Solid	Styrene
8260B	5035	Solid	tert-Butylbenzene
8260B	5035	Solid	Tetrachloroethene (PCE)
8260B	5035	Solid	Toluene
8260B	5035	Solid	trans-1,2-Dichloroethene
8260B	5035	Solid	trans-1,3-Dichloropropene
8260B	5035	Solid	Trichloroethene (TCE)
8260B	5035	Solid	Trichlorofluoromethane
8260B	5035	Solid	Vinyl chloride
8260B	5035	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-25-27

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	12-31-26
Oregon	NELAP	4213-001	03-30-27
Texas	NELAP	T104704265	07-31-26
Texas	NELAP	T104704215	06-30-26
Texas	TCEQ Water Supply	T104704215	11-24-28
USDA	US Federal Programs	525-23-79-79507R1	04-10-29
Washington	State	C1114-26	03-22-27

Cathy Upton

From: Mustafin, Vener <vmustafin@eaest.com>
Sent: Monday, April 13, 2026 10:55 PM
To: Cathy Upton; McVey, Michael
Subject: RE: 885-47105 Former Aerex Refinery Sample Confirmation files from Eurofins South Central

Follow Up Flag: Follow up
Flag Status: Flagged

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Cathy,

Thank you for forwarding the COC and the log.

In addition to VOCs by 8260, please add the following analyses for all samples:

1. Site-specific TAL metals: aluminum, arsenic, beryllium, cobalt, chromium, iron, and manganese.
2. TPH full range (Mike, the RAP indicated the full range; however, the SAP indicated DRO, and MRO. I am going to request the full range)
3. If still possible, could you please add the GRO range to the 8 samples dropped off on 04/03/2026 (Job 885-46684-1)? The COC is below.

Please also check the EDD Excel box for both deliverables.

Thank you.

EA Engineering, Science, and Technology, Inc., PBC
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505-296-1070
https://eaest.com/

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave Ste 1300
ABQ, NM

Phone #: 505-296-1070

email or Fax#: vmustafin@eaest.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: Former Aerex Refinery

Project #:

Project Manager: V. Mustafin

Sampler: C. Landers

On Ice: ☒ Yes ☐ No

of Coolers: 1 (ice)

Cooler Temp (including CF): 0.4 - 0.2 = 0.2 °C

eurofins | Environment Albuquerque
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-47105 COC

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 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/7/26	0738	Soil	Floor-07											X		
4/7/26	0750	Soil	Floor-08											X		
4/7/26	0730	Soil	SWL-04											X		
4/9/26	0730	Soil	SWL-08											X		
4/9/26	0745	Soil	SWS-01											X		
4/9/26	0740	Soil	SWS-08											X		
4/9/26	0820	Soil	Floor-01											X		
4/9/26	0840	Soil	Floor-05											X		
4/9/26	1545	Soil	SWS-07											X		
4/9/26	1600	Soil	SWS-06											X		

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4/10/26	1611			UPS	4.10.26	1611
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Analysis Request

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.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-47105-1

Login Number: 47105

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-47105-1

Login Number: 47105
List Number: 2
Creator: Marrero, Misleydis

List Source: Eurofins Houston
List Creation: 04/23/26 02:51 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-47105-1

Login Number: 47105
List Number: 3
Creator: Grandits, Corey

List Source: Eurofins Houston
List Creation: 04/28/26 09:59 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike McVey
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 4/29/2026 1:15:28 PM

JOB DESCRIPTION

Former Aerex Refinery

JOB NUMBER

885-47780-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

myEOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Catherine Upton, Project Manager
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(505)338-8837

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Definitions/Glossary

Client: EA Engineering
Job ID: 885-47780-1
Project/Site: Former Aerex Refinery

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
885-47780-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/21/2026 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS VOA
Method 8260B: The method blank for batch 885-47558 contained 1-Methylnaphthalene and 2-Methylnaphthalene above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed. Due to the analytes being non method analytes and low hold time, data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47780-1

Client Sample ID: L-4 Floor (13-15')

Date Collected: 04/13/26 14:39
Date Received: 04/21/26 09:45

Lab Sample ID: 885-47780-1

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**11**		2.6		mg/Kg		04/22/26 09:38	04/27/26 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/22/26 09:38*	*04/27/26 21:17*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,1,1-Trichloroethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,1,2,2-Tetrachloroethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,1,2-Trichloroethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,1-Dichloroethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,1-Dichloroethene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,1-Dichloropropene	ND		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,2,3-Trichlorobenzene	ND		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,2,3-Trichloropropane	ND		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,2,4-Trichlorobenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,2,4-Trimethylbenzene	**0.19**		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,2-Dibromo-3-Chloropropane	ND		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,2-Dibromoethane (EDB)	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,2-Dichlorobenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,2-Dichloroethane (EDC)	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,2-Dichloropropane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,3,5-Trimethylbenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,3-Dichlorobenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,3-Dichloropropane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1,4-Dichlorobenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
1-Methylnaphthalene	**0.24**	**B**	0.10		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
2,2-Dichloropropane	ND		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
2-Butanone	ND		0.26		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
2-Chlorotoluene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
2-Hexanone	ND		0.26		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
2-Methylnaphthalene	**0.24**	**B**	0.10		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
4-Chlorotoluene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
4-Isopropyltoluene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
4-Methyl-2-pentanone	ND		0.26		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Acetone	ND		0.39		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Benzene	ND		0.013		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Bromobenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Bromodichloromethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Dibromochloromethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Bromoform	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Bromomethane	ND		0.39		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Carbon disulfide	ND		0.26		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Carbon tetrachloride	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Chlorobenzene	ND		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Chloroethane	ND		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Chloroform	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Chloromethane	ND		0.26		mg/Kg		04/22/26 09:38	04/27/26 21:17	1

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47780-1

Client Sample ID: L-4 Floor (13-15')
Date Collected: 04/13/26 14:39
Date Received: 04/21/26 09:45

Lab Sample ID: 885-47780-1
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
cis-1,3-Dichloropropene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Dibromomethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Dichlorodifluoromethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Ethylbenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Hexachlorobutadiene	ND		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Isopropylbenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Methyl-tert-butyl Ether (MTBE)	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Methylene Chloride	ND		0.079		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
n-Butylbenzene	ND		0.079		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
N-Propylbenzene	**0.028**		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Naphthalene	**0.072**		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
sec-Butylbenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Styrene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
tert-Butylbenzene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Tetrachloroethene (PCE)	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Toluene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
trans-1,2-Dichloroethene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
trans-1,3-Dichloropropene	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Trichloroethene (TCE)	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Trichlorofluoromethane	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Vinyl chloride	ND		0.026		mg/Kg		04/22/26 09:38	04/27/26 21:17	1
Xylenes, Total	ND		0.052		mg/Kg		04/22/26 09:38	04/27/26 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 147*	*04/22/26 09:38*	*04/27/26 21:17*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*04/22/26 09:38*	*04/27/26 21:17*	*1*
4-Bromofluorobenzene (Surr)	*119*		*62 - 144*	*04/22/26 09:38*	*04/27/26 21:17*	*1*
Dibromofluoromethane (Surr)	*105*		*73 - 145*	*04/22/26 09:38*	*04/27/26 21:17*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**200**		9.2		mg/Kg		04/22/26 16:18	04/23/26 23:01	1
Motor Oil Range Organics [C28-C40]	**110**		46		mg/Kg		04/22/26 16:18	04/23/26 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*04/22/26 16:18*	*04/23/26 23:01*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1400**		9.3		mg/Kg		04/27/26 22:53	04/28/26 23:11	5
Arsenic	ND		1.9		mg/Kg		04/27/26 22:53	04/28/26 23:11	5
Beryllium	ND		0.93		mg/Kg		04/27/26 22:53	04/28/26 23:11	5
Chromium	ND		1.9		mg/Kg		04/27/26 22:53	04/28/26 23:11	5
Cobalt	**0.94**		0.93		mg/Kg		04/27/26 22:53	04/28/26 23:11	5
Iron	**2200**		9.3		mg/Kg		04/27/26 22:53	04/28/26 23:11	5
Manganese	**49**		0.93		mg/Kg		04/27/26 22:53	04/28/26 23:11	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47780-1

Client Sample ID: G-6 Floor (15-17')

Date Collected: 04/14/26 10:00
Date Received: 04/21/26 09:45

Lab Sample ID: 885-47780-2

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.9		mg/Kg		04/22/26 09:38	04/27/26 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/22/26 09:38*	*04/27/26 21:45*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,1,1-Trichloroethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,1,2,2-Tetrachloroethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,1,2-Trichloroethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,1-Dichloroethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,1-Dichloroethene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,1-Dichloropropene	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,2,3-Trichlorobenzene	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,2,3-Trichloropropane	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,2,4-Trichlorobenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,2,4-Trimethylbenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,2-Dibromo-3-Chloropropane	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,2-Dibromoethane (EDB)	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,2-Dichlorobenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,2-Dichloroethane (EDC)	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,2-Dichloropropane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,3,5-Trimethylbenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,3-Dichlorobenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,3-Dichloropropane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1,4-Dichlorobenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
1-Methylnaphthalene	**0.12**	**B**	0.12		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
2,2-Dichloropropane	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
2-Butanone	ND		0.29		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
2-Chlorotoluene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
2-Hexanone	ND		0.29		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
2-Methylnaphthalene	**0.13**	**B**	0.12		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
4-Chlorotoluene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
4-Isopropyltoluene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
4-Methyl-2-pentanone	ND		0.29		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Acetone	ND		0.44		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Benzene	ND		0.015		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Bromobenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Bromodichloromethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Dibromochloromethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Bromoform	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Bromomethane	ND		0.44		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Carbon disulfide	ND		0.29		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Carbon tetrachloride	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Chlorobenzene	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Chloroethane	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Chloroform	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Chloromethane	ND		0.29		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
cis-1,2-Dichloroethene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1

Client Sample ID: G-6 Floor (15-17')
Date Collected: 04/14/26 10:00
Date Received: 04/21/26 09:45

Lab Sample ID: 885-47780-2
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Dibromomethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Dichlorodifluoromethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Ethylbenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Hexachlorobutadiene	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Isopropylbenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Methyl-tert-butyl Ether (MTBE)	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Methylene Chloride	ND		0.088		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
n-Butylbenzene	ND		0.088		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
N-Propylbenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Naphthalene	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
sec-Butylbenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Styrene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
tert-Butylbenzene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Tetrachloroethene (PCE)	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Toluene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
trans-1,2-Dichloroethene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
trans-1,3-Dichloropropene	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Trichloroethene (TCE)	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Trichlorofluoromethane	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Vinyl chloride	ND		0.029		mg/Kg		04/22/26 09:38	04/27/26 21:45	1
Xylenes, Total	ND		0.059		mg/Kg		04/22/26 09:38	04/27/26 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 147*	*04/22/26 09:38*	*04/27/26 21:45*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*04/22/26 09:38*	*04/27/26 21:45*	*1*
4-Bromofluorobenzene (Surr)	*101*		*62 - 144*	*04/22/26 09:38*	*04/27/26 21:45*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 145*	*04/22/26 09:38*	*04/27/26 21:45*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		04/22/26 16:18	04/23/26 23:25	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/22/26 16:18	04/23/26 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*04/22/26 16:18*	*04/23/26 23:25*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8900**		39		mg/Kg		04/27/26 22:53	04/28/26 23:18	20
Arsenic	**2.6**		2.0		mg/Kg		04/27/26 22:53	04/28/26 23:14	5
Beryllium	ND		0.98		mg/Kg		04/27/26 22:53	04/28/26 23:14	5
Chromium	**5.8**		2.0		mg/Kg		04/27/26 22:53	04/28/26 23:14	5
Cobalt	**5.3**		0.98		mg/Kg		04/27/26 22:53	04/28/26 23:14	5
Iron	**12000**		39		mg/Kg		04/27/26 22:53	04/28/26 23:18	20
Manganese	**240**		0.98		mg/Kg		04/27/26 22:53	04/28/26 23:14	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47780-1

Client Sample ID: I-5 Floor (15-17')

Lab Sample ID: 885-47780-3

Date Collected: 04/14/26 10:42

Matrix: Solid

Date Received: 04/21/26 09:45

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.8		mg/Kg		04/22/26 09:38	04/28/26 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/22/26 09:38*	*04/28/26 15:25*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,1,1-Trichloroethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,1,2,2-Tetrachloroethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,1,2-Trichloroethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,1-Dichloroethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,1-Dichloroethene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,1-Dichloropropene	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,2,3-Trichlorobenzene	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,2,3-Trichloropropane	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,2,4-Trichlorobenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,2,4-Trimethylbenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,2-Dibromo-3-Chloropropane	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,2-Dibromoethane (EDB)	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,2-Dichlorobenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,2-Dichloroethane (EDC)	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,2-Dichloropropane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,3,5-Trimethylbenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,3-Dichlorobenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,3-Dichloropropane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1,4-Dichlorobenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
1-Methylnaphthalene	ND		0.11		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
2,2-Dichloropropane	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
2-Butanone	ND		0.28		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
2-Chlorotoluene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
2-Hexanone	ND		0.28		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
2-Methylnaphthalene	ND		0.11		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
4-Chlorotoluene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
4-Isopropyltoluene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
4-Methyl-2-pentanone	ND		0.28		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Acetone	ND		0.42		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Benzene	ND		0.014		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Bromobenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Bromodichloromethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Dibromochloromethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Bromoform	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Bromomethane	ND		0.42		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Carbon disulfide	ND		0.28		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Carbon tetrachloride	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Chlorobenzene	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Chloroethane	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Chloroform	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Chloromethane	ND		0.28		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
cis-1,2-Dichloroethene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1

Client Sample ID: I-5 Floor (15-17')
Date Collected: 04/14/26 10:42
Date Received: 04/21/26 09:45

Lab Sample ID: 885-47780-3
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Dibromomethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Dichlorodifluoromethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Ethylbenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Hexachlorobutadiene	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Isopropylbenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Methyl-tert-butyl Ether (MTBE)	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Methylene Chloride	ND		0.084		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
n-Butylbenzene	ND		0.084		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
N-Propylbenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Naphthalene	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
sec-Butylbenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Styrene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
tert-Butylbenzene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Tetrachloroethene (PCE)	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Toluene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
trans-1,2-Dichloroethene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
trans-1,3-Dichloropropene	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Trichloroethene (TCE)	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Trichlorofluoromethane	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Vinyl chloride	ND		0.028		mg/Kg		04/22/26 09:38	04/28/26 15:25	1
Xylenes, Total	ND		0.056		mg/Kg		04/22/26 09:38	04/28/26 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 147*	*04/22/26 09:38*	*04/28/26 15:25*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*04/22/26 09:38*	*04/28/26 15:25*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/22/26 09:38*	*04/28/26 15:25*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 145*	*04/22/26 09:38*	*04/28/26 15:25*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		04/22/26 16:18	04/23/26 23:48	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/22/26 16:18	04/23/26 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*04/22/26 16:18*	*04/23/26 23:48*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5100**		19		mg/Kg		04/27/26 22:53	04/28/26 23:24	10
Arsenic	**2.9**		1.9		mg/Kg		04/27/26 22:53	04/28/26 23:21	5
Beryllium	ND		0.96		mg/Kg		04/27/26 22:53	04/28/26 23:21	5
Chromium	**3.0**		1.9		mg/Kg		04/27/26 22:53	04/28/26 23:21	5
Cobalt	**5.2**		0.96		mg/Kg		04/27/26 22:53	04/28/26 23:21	5
Iron	**6900**		19		mg/Kg		04/27/26 22:53	04/28/26 23:24	10
Manganese	**340**		0.96		mg/Kg		04/27/26 22:53	04/28/26 23:21	5

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47780-1

Method: 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Lab Sample ID: MB 885-47246/1-A
Matrix: Solid
Analysis Batch: 47538

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47246

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/22/26 09:38	04/27/26 17:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/22/26 09:38*	*04/27/26 17:58*	*1*

Lab Sample ID: MB 885-47246/1-A
Matrix: Solid
Analysis Batch: 47609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47246

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/22/26 09:38	04/28/26 14:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/22/26 09:38*	*04/28/26 14:58*	*1*

Lab Sample ID: LCS 885-47246/2-A
Matrix: Solid
Analysis Batch: 47538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47246

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	28.1		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCS 885-47246/2-A
Matrix: Solid
Analysis Batch: 47609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47246

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	26.9		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-47246/1-A
Matrix: Solid
Analysis Batch: 47558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47246

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,1,2-Trichloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-47246/1-A
Matrix: Solid
Analysis Batch: 47558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47246

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,1-Dichloroethene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,1-Dichloropropene	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,2,3-Trichlorobenzene	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,2-Dibromo-3-Chloropropane	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,2-Dichloropropane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,3-Dichloropropane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
1-Methylnaphthalene	0.221		0.20		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
2,2-Dichloropropane	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
2-Butanone	ND		0.50		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
2-Chlorotoluene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
2-Hexanone	ND		0.50		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
2-Methylnaphthalene	0.238		0.20		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
4-Chlorotoluene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
4-Isopropyltoluene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Acetone	ND		0.75		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Benzene	ND		0.025		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Bromobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Bromodichloromethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Dibromochloromethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Bromoform	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Bromomethane	ND		0.75		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Carbon disulfide	ND		0.50		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Carbon tetrachloride	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Chlorobenzene	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Chloroethane	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Chloroform	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Chloromethane	ND		0.50		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Dibromomethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Hexachlorobutadiene	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Isopropylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Methylene Chloride	ND		0.15		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
n-Butylbenzene	ND		0.15		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
N-Propylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-47246/1-A
Matrix: Solid
Analysis Batch: 47558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47246

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
sec-Butylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Styrene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
tert-Butylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Toluene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Trichlorofluoromethane	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Vinyl chloride	ND		0.050		mg/Kg		04/22/26 09:38	04/27/26 20:50	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/26 09:38	04/27/26 20:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 147*	*04/22/26 09:38*	*04/27/26 20:50*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*04/22/26 09:38*	*04/27/26 20:50*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 144*	*04/22/26 09:38*	*04/27/26 20:50*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 145*	*04/22/26 09:38*	*04/27/26 20:50*	*1*

Lab Sample ID: MB 885-47246/1-A
Matrix: Solid
Analysis Batch: 47621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47246

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,1,2-Trichloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,1-Dichloroethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,1-Dichloroethene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,1-Dichloropropene	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,2,3-Trichlorobenzene	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,2-Dibromo-3-Chloropropane	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,2-Dichloropropane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,3-Dichloropropane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
1-Methylnaphthalene	ND		0.20		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
2,2-Dichloropropane	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
2-Butanone	ND		0.50		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
2-Chlorotoluene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-47246/1-A
Matrix: Solid
Analysis Batch: 47621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47246

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		0.50		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
2-Methylnaphthalene	ND		0.20		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
4-Chlorotoluene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
4-Isopropyltoluene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Acetone	ND		0.75		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Benzene	ND		0.025		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Bromobenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Bromodichloromethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Dibromochloromethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Bromoform	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Bromomethane	ND		0.75		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Carbon disulfide	ND		0.50		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Carbon tetrachloride	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Chlorobenzene	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Chloroethane	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Chloroform	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Chloromethane	ND		0.50		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Dibromomethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Ethylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Hexachlorobutadiene	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Isopropylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Methylene Chloride	ND		0.15		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
n-Butylbenzene	ND		0.15		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
N-Propylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Naphthalene	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
sec-Butylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Styrene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
tert-Butylbenzene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Toluene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Trichlorofluoromethane	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Vinyl chloride	ND		0.050		mg/Kg		04/22/26 09:38	04/28/26 14:58	1
Xylenes, Total	ND		0.10		mg/Kg		04/22/26 09:38	04/28/26 14:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 147*	*04/22/26 09:38*	*04/28/26 14:58*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*04/22/26 09:38*	*04/28/26 14:58*	*1*
4-Bromofluorobenzene (Surr)	*106*		*62 - 144*	*04/22/26 09:38*	*04/28/26 14:58*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 145*	*04/22/26 09:38*	*04/28/26 14:58*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 885-47246/3-A
Matrix: Solid
Analysis Batch: 47558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	1.00	0.988		mg/Kg		99	70 - 130
Benzene	1.00	1.00		mg/Kg		100	70 - 130
Chlorobenzene	1.00	1.03		mg/Kg		103	70 - 130
Toluene	1.00	1.04		mg/Kg		104	70 - 130
Trichloroethene (TCE)	1.00	0.967		mg/Kg		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 147*
Toluene-d8 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*62 - 144*
Dibromofluoromethane (Surr)	*104*		*73 - 145*

Lab Sample ID: LCS 885-47246/3-A
Matrix: Solid
Analysis Batch: 47621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	1.00	1.01		mg/Kg		101	70 - 130
Benzene	1.00	1.05		mg/Kg		105	70 - 130
Chlorobenzene	1.00	1.04		mg/Kg		104	70 - 130
Toluene	1.00	1.03		mg/Kg		103	70 - 130
Trichloroethene (TCE)	1.00	0.979		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 147*
Toluene-d8 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*62 - 144*
Dibromofluoromethane (Surr)	*110*		*73 - 145*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-47294/1-A
Matrix: Solid
Analysis Batch: 47319

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47294

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		04/22/26 16:17	04/23/26 21:03	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		04/22/26 16:17	04/23/26 21:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*04/22/26 16:17*	*04/23/26 21:03*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-47294/2-A
Matrix: Solid
Analysis Batch: 47319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47294

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	50.3		mg/Kg		101	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-317556/1-A
Matrix: Solid
Analysis Batch: 318059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 317556

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		2.0		mg/Kg		04/27/26 22:53	04/28/26 21:45	1
Arsenic	ND		0.40		mg/Kg		04/27/26 22:53	04/28/26 21:45	1
Beryllium	ND		0.20		mg/Kg		04/27/26 22:53	04/28/26 21:45	1
Chromium	ND		0.40		mg/Kg		04/27/26 22:53	04/28/26 21:45	1
Cobalt	ND		0.20		mg/Kg		04/27/26 22:53	04/28/26 21:45	1
Iron	ND		2.0		mg/Kg		04/27/26 22:53	04/28/26 21:45	1
Manganese	ND		0.20		mg/Kg		04/27/26 22:53	04/28/26 21:45	1

Lab Sample ID: LCS 860-317556/2-A
Matrix: Solid
Analysis Batch: 318059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 317556

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			50.0	49.3		mg/Kg		99	80 - 120		
Arsenic			10.0	9.71		mg/Kg		97	80 - 120		
Beryllium			10.0	9.63		mg/Kg		96	80 - 120		
Chromium			10.0	9.79		mg/Kg		98	80 - 120		
Cobalt			10.0	9.77		mg/Kg		98	80 - 120		
Iron			50.0	48.5		mg/Kg		97	80 - 120		
Manganese			10.0	9.51		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 860-317556/3-A
Matrix: Solid
Analysis Batch: 318059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 317556

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			50.0	48.5		mg/Kg		97	80 - 120	2	20
Arsenic			10.0	9.72		mg/Kg		97	80 - 120	0	20
Beryllium			10.0	9.55		mg/Kg		95	80 - 120	1	20
Chromium			10.0	9.81		mg/Kg		98	80 - 120	0	20
Cobalt			10.0	9.75		mg/Kg		98	80 - 120	0	20
Iron			50.0	48.4		mg/Kg		97	80 - 120	0	20
Manganese			10.0	9.37		mg/Kg		94	80 - 120	1	20

GC/MS VOA

Prep Batch: 47246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47780-1	L-4 Floor (13-15')	Total/NA	Solid	5035	
885-47780-2	G-6 Floor (15-17')	Total/NA	Solid	5035	
885-47780-3	I-5 Floor (15-17')	Total/NA	Solid	5035	
MB 885-47246/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-47246/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-47246/3-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 47538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47780-1	L-4 Floor (13-15')	Total/NA	Solid	8015D	47246
885-47780-2	G-6 Floor (15-17')	Total/NA	Solid	8015D	47246
MB 885-47246/1-A	Method Blank	Total/NA	Solid	8015D	47246
LCS 885-47246/2-A	Lab Control Sample	Total/NA	Solid	8015D	47246

Analysis Batch: 47558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47780-1	L-4 Floor (13-15')	Total/NA	Solid	8260B	47246
885-47780-2	G-6 Floor (15-17')	Total/NA	Solid	8260B	47246
MB 885-47246/1-A	Method Blank	Total/NA	Solid	8260B	47246
LCS 885-47246/3-A	Lab Control Sample	Total/NA	Solid	8260B	47246

Analysis Batch: 47609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47780-3	I-5 Floor (15-17')	Total/NA	Solid	8015D	47246
MB 885-47246/1-A	Method Blank	Total/NA	Solid	8015D	47246
LCS 885-47246/2-A	Lab Control Sample	Total/NA	Solid	8015D	47246

Analysis Batch: 47621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47780-3	I-5 Floor (15-17')	Total/NA	Solid	8260B	47246
MB 885-47246/1-A	Method Blank	Total/NA	Solid	8260B	47246
LCS 885-47246/3-A	Lab Control Sample	Total/NA	Solid	8260B	47246

GC Semi VOA

Prep Batch: 47294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47780-1	L-4 Floor (13-15')	Total/NA	Solid	SHAKE	
885-47780-2	G-6 Floor (15-17')	Total/NA	Solid	SHAKE	
885-47780-3	I-5 Floor (15-17')	Total/NA	Solid	SHAKE	
MB 885-47294/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-47294/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 47319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47780-1	L-4 Floor (13-15')	Total/NA	Solid	8015D	47294
885-47780-2	G-6 Floor (15-17')	Total/NA	Solid	8015D	47294
885-47780-3	I-5 Floor (15-17')	Total/NA	Solid	8015D	47294
MB 885-47294/1-A	Method Blank	Total/NA	Solid	8015D	47294
LCS 885-47294/2-A	Lab Control Sample	Total/NA	Solid	8015D	47294

QC Association Summary

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47780-1

Metals

Prep Batch: 317556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47780-1	L-4 Floor (13-15')	Total/NA	Solid	3051A	
885-47780-2	G-6 Floor (15-17')	Total/NA	Solid	3051A	
885-47780-3	I-5 Floor (15-17')	Total/NA	Solid	3051A	
MB 860-317556/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 860-317556/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 860-317556/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 318059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-47780-1	L-4 Floor (13-15')	Total/NA	Solid	6020B	317556
885-47780-2	G-6 Floor (15-17')	Total/NA	Solid	6020B	317556
885-47780-2	G-6 Floor (15-17')	Total/NA	Solid	6020B	317556
885-47780-3	I-5 Floor (15-17')	Total/NA	Solid	6020B	317556
885-47780-3	I-5 Floor (15-17')	Total/NA	Solid	6020B	317556
MB 860-317556/1-A	Method Blank	Total/NA	Solid	6020B	317556
LCS 860-317556/2-A	Lab Control Sample	Total/NA	Solid	6020B	317556
LCSD 860-317556/3-A	Lab Control Sample Dup	Total/NA	Solid	6020B	317556

Lab Chronicle

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47780-1

Client Sample ID: L-4 Floor (13-15')

Lab Sample ID: 885-47780-1

Date Collected: 04/13/26 14:39
Matrix: Solid
Date Received: 04/21/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			47246	VP	EET ALB	04/22/26 09:38
Total/NA	Analysis	8015D		1	47538	RA	EET ALB	04/27/26 21:17
Total/NA	Prep	5035			47246	VP	EET ALB	04/22/26 09:38
Total/NA	Analysis	8260B		1	47558	RA	EET ALB	04/27/26 21:17
Total/NA	Prep	SHAKE			47294	JF	EET ALB	04/22/26 16:18
Total/NA	Analysis	8015D		1	47319	EM	EET ALB	04/23/26 23:01
Total/NA	Prep	3051A			317556	PB	EET HOU	04/27/26 22:53
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 23:11

Client Sample ID: G-6 Floor (15-17')

Lab Sample ID: 885-47780-2

Date Collected: 04/14/26 10:00
Matrix: Solid
Date Received: 04/21/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			47246	VP	EET ALB	04/22/26 09:38
Total/NA	Analysis	8015D		1	47538	RA	EET ALB	04/27/26 21:45
Total/NA	Prep	5035			47246	VP	EET ALB	04/22/26 09:38
Total/NA	Analysis	8260B		1	47558	RA	EET ALB	04/27/26 21:45
Total/NA	Prep	SHAKE			47294	JF	EET ALB	04/22/26 16:18
Total/NA	Analysis	8015D		1	47319	EM	EET ALB	04/23/26 23:25
Total/NA	Prep	3051A			317556	PB	EET HOU	04/27/26 22:53
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 23:14
Total/NA	Prep	3051A			317556	PB	EET HOU	04/27/26 22:53
Total/NA	Analysis	6020B		20	318059	DP	EET HOU	04/28/26 23:18

Client Sample ID: I-5 Floor (15-17')

Lab Sample ID: 885-47780-3

Date Collected: 04/14/26 10:42
Matrix: Solid
Date Received: 04/21/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			47246	VP	EET ALB	04/22/26 09:38
Total/NA	Analysis	8015D		1	47609	RA	EET ALB	04/28/26 15:25
Total/NA	Prep	5035			47246	VP	EET ALB	04/22/26 09:38
Total/NA	Analysis	8260B		1	47621	RA	EET ALB	04/28/26 15:25
Total/NA	Prep	SHAKE			47294	JF	EET ALB	04/22/26 16:18
Total/NA	Analysis	8015D		1	47319	EM	EET ALB	04/23/26 23:48
Total/NA	Prep	3051A			317556	PB	EET HOU	04/27/26 22:53
Total/NA	Analysis	6020B		5	318059	DP	EET HOU	04/28/26 23:21
Total/NA	Prep	3051A			317556	PB	EET HOU	04/27/26 22:53
Total/NA	Analysis	6020B		10	318059	DP	EET HOU	04/28/26 23:24

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-47780-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D	5035	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8260B	5035	Solid	1,1,1,2-Tetrachloroethane
8260B	5035	Solid	1,1,1-Trichloroethane
8260B	5035	Solid	1,1,2,2-Tetrachloroethane
8260B	5035	Solid	1,1,2-Trichloroethane
8260B	5035	Solid	1,1-Dichloroethane
8260B	5035	Solid	1,1-Dichloroethene
8260B	5035	Solid	1,1-Dichloropropene
8260B	5035	Solid	1,2,3-Trichlorobenzene
8260B	5035	Solid	1,2,3-Trichloropropane
8260B	5035	Solid	1,2,4-Trichlorobenzene
8260B	5035	Solid	1,2,4-Trimethylbenzene
8260B	5035	Solid	1,2-Dibromo-3-Chloropropane
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	1,2-Dichlorobenzene
8260B	5035	Solid	1,2-Dichloroethane (EDC)
8260B	5035	Solid	1,2-Dichloropropane
8260B	5035	Solid	1,3,5-Trimethylbenzene
8260B	5035	Solid	1,3-Dichlorobenzene
8260B	5035	Solid	1,3-Dichloropropane
8260B	5035	Solid	1,4-Dichlorobenzene
8260B	5035	Solid	1-Methylnaphthalene
8260B	5035	Solid	2,2-Dichloropropane
8260B	5035	Solid	2-Butanone
8260B	5035	Solid	2-Chlorotoluene
8260B	5035	Solid	2-Hexanone
8260B	5035	Solid	2-Methylnaphthalene
8260B	5035	Solid	4-Chlorotoluene
8260B	5035	Solid	4-Isopropyltoluene
8260B	5035	Solid	4-Methyl-2-pentanone
8260B	5035	Solid	Acetone
8260B	5035	Solid	Benzene
8260B	5035	Solid	Bromobenzene
8260B	5035	Solid	Bromodichloromethane
8260B	5035	Solid	Bromoform
8260B	5035	Solid	Bromomethane
8260B	5035	Solid	Carbon disulfide
8260B	5035	Solid	Carbon tetrachloride
8260B	5035	Solid	Chlorobenzene
8260B	5035	Solid	Chloroethane
8260B	5035	Solid	Chloroform
8260B	5035	Solid	Chloromethane
8260B	5035	Solid	cis-1,2-Dichloroethene

Client: EA Engineering
Job ID: 885-47780-1
Project/Site: Former Aerex Refinery

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B	5035	Solid	cis-1,3-Dichloropropene
8260B	5035	Solid	Dibromochloromethane
8260B	5035	Solid	Dibromomethane
8260B	5035	Solid	Dichlorodifluoromethane
8260B	5035	Solid	Ethylbenzene
8260B	5035	Solid	Hexachlorobutadiene
8260B	5035	Solid	Isopropylbenzene
8260B	5035	Solid	Methylene Chloride
8260B	5035	Solid	Methyl-tert-butyl Ether (MTBE)
8260B	5035	Solid	Naphthalene
8260B	5035	Solid	n-Butylbenzene
8260B	5035	Solid	N-Propylbenzene
8260B	5035	Solid	sec-Butylbenzene
8260B	5035	Solid	Styrene
8260B	5035	Solid	tert-Butylbenzene
8260B	5035	Solid	Tetrachloroethene (PCE)
8260B	5035	Solid	Toluene
8260B	5035	Solid	trans-1,2-Dichloroethene
8260B	5035	Solid	trans-1,3-Dichloropropene
8260B	5035	Solid	Trichloroethene (TCE)
8260B	5035	Solid	Trichlorofluoromethane
8260B	5035	Solid	Vinyl chloride
8260B	5035	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-25-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D	5035	Solid	Gasoline Range Organics [C6 - C10]

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	12-31-26
Oregon	NELAP	4213-001	03-30-27
Texas	NELAP	T104704265	07-31-26
Texas	NELAP	T104704215	06-30-26
Texas	TCEQ Water Supply	T104704215	11-24-28
USDA	US Federal Programs	525-23-79-79507R1	04-10-29
Washington	State	C1114-26	03-22-27

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW, Ste. 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: Former Acrex Refinery

Project #: PO # 22139

Project Manager: Mike McVey / Vener Mustafin

Sampler:

On Ice: ☒ Yes ☐ No

of Coolers: 1 Dry

Cooler Temp(including CF): 3.1-0.1 = 3.0°C

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www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

885-47780 COC

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 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	TAL Metals - Al, Ar, Be, Ca, Co, Fe, Mn
4/13/26	1439	Soil	L-4 Floor (13-15')	4oz x2 / 20ml x2	None/MeOH			X						X			X
4/14/26	1000	Soil	G-6 Floor (15-17')	↓	↓			X						X			X
4/14/26	1042	Soil	I-5 Floor (15-17')	↓	↓			X						X			X

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/21/26	0945			CDO	4.21.26	945
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.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-47780-1

Login Number: 47780

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-47780-1

Login Number: 47780
List Number: 2
Creator: Marrero, Misleydis

List Source: Eurofins Houston
List Creation: 04/23/26 02:51 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mike McVey
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Former Aerex Refinery

JOB NUMBER

885-49452-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

myEOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)338-8837

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Client: EA Engineering
Job ID: 885-49452-1
Project/Site: Former Aerex Refinery

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
885-49452-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 5/14/2026 3:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C.

Receipt Exceptions
A methanol blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

Gasoline Range Organics
Method 8015D: Surrogate recovery for the following sample was outside control limits: MW-EP-04-WT (885-49452-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015D: Surrogate recovery for the following sample was outside control limits: MW-EP-07-WT (885-49452-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 885-49067 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 885-49067/2).

Method 8260B: The continuing calibration verification (CCV) associated with batch 885-49106 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 885-49106/2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D: The following sample required a dilution due to the nature of the sample matrix: MW-EP-07-WT (885-49452-5). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-04-"16-18"
Date Collected: 05/12/26 09:36
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-1
Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.1		mg/Kg		05/15/26 12:28	05/20/26 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*05/15/26 12:28*	*05/20/26 04:50*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,1,1-Trichloroethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,1,2,2-Tetrachloroethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,1,2-Trichloroethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,1-Dichloroethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,1-Dichloroethene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,1-Dichloropropene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,2,3-Trichlorobenzene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,2,3-Trichloropropane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,2,4-Trichlorobenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,2,4-Trimethylbenzene	**0.032**		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,2-Dibromo-3-Chloropropane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,2-Dibromoethane (EDB)	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,2-Dichlorobenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,2-Dichloroethane (EDC)	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,2-Dichloropropane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,3,5-Trimethylbenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,3-Dichlorobenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,3-Dichloropropane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1,4-Dichlorobenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
1-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
2,2-Dichloropropane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
2-Butanone	ND		0.31		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
2-Chlorotoluene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
2-Hexanone	ND		0.31		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
2-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
4-Chlorotoluene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
4-Isopropyltoluene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
4-Methyl-2-pentanone	ND		0.31		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Acetone	ND		0.47		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Benzene	ND		0.016		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Bromobenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Bromodichloromethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Dibromochloromethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Bromoform	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Bromomethane	ND		0.47		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Carbon disulfide	ND		0.31		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Carbon tetrachloride	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Chlorobenzene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Chloroethane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Chloroform	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Chloromethane	ND		0.31		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
cis-1,2-Dichloroethene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1

Client Sample ID: MW-EP-04-"16-18"
Date Collected: 05/12/26 09:36
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-1
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Dibromomethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Dichlorodifluoromethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Ethylbenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Hexachlorobutadiene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Isopropylbenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Methyl-tert-butyl Ether (MTBE)	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Methylene Chloride	ND		0.094		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
n-Butylbenzene	ND		0.094		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
N-Propylbenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Naphthalene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
sec-Butylbenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Styrene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
tert-Butylbenzene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Tetrachloroethene (PCE)	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Toluene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
trans-1,2-Dichloroethene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
trans-1,3-Dichloropropene	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Trichloroethene (TCE)	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Trichlorofluoromethane	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Vinyl chloride	ND		0.031		mg/Kg		05/15/26 12:28	05/20/26 04:50	1
Xylenes, Total	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 147*	*05/15/26 12:28*	*05/20/26 04:50*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*	*05/15/26 12:28*	*05/20/26 04:50*	*1*
4-Bromofluorobenzene (Surr)	*100*		*62 - 144*	*05/15/26 12:28*	*05/20/26 04:50*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 145*	*05/15/26 12:28*	*05/20/26 04:50*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**74**		8.7		mg/Kg		05/18/26 10:11	05/18/26 19:44	1
Motor Oil Range Organics [C28-C40]	**46**		44		mg/Kg		05/18/26 10:11	05/18/26 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*05/18/26 10:11*	*05/18/26 19:44*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-04-WT

Date Collected: 05/12/26 09:46
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-2

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**29**		3.3		mg/Kg		05/15/26 12:28	05/20/26 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*05/15/26 12:28*	*05/20/26 05:17*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,1,1-Trichloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,1,2,2-Tetrachloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,1,2-Trichloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,1-Dichloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,1-Dichloroethene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,1-Dichloropropene	ND		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,2,3-Trichlorobenzene	ND		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,2,3-Trichloropropane	ND		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,2,4-Trichlorobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,2,4-Trimethylbenzene	**0.70**		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,2-Dibromo-3-Chloropropane	ND		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,2-Dibromoethane (EDB)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,2-Dichlorobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,2-Dichloroethane (EDC)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,2-Dichloropropane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,3,5-Trimethylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,3-Dichlorobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,3-Dichloropropane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1,4-Dichlorobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
1-Methylnaphthalene	**0.97**		0.13		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
2,2-Dichloropropane	ND		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
2-Butanone	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
2-Chlorotoluene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
2-Hexanone	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
2-Methylnaphthalene	**0.94**		0.13		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
4-Chlorotoluene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
4-Isopropyltoluene	**0.072**		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
4-Methyl-2-pentanone	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Acetone	ND		0.50		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Benzene	ND		0.017		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Bromobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Bromodichloromethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Dibromochloromethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Bromoform	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Bromomethane	ND		0.50		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Carbon disulfide	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Carbon tetrachloride	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Chlorobenzene	ND		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Chloroethane	ND		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Chloroform	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Chloromethane	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 05:17	1

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-04-WT
Date Collected: 05/12/26 09:46
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-2
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
cis-1,3-Dichloropropene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Dibromomethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Dichlorodifluoromethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Ethylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Hexachlorobutadiene	ND		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Isopropylbenzene	**0.062**		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Methyl-tert-butyl Ether (MTBE)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Methylene Chloride	ND		0.099		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
n-Butylbenzene	ND		0.099		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
N-Propylbenzene	**0.10**		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Naphthalene	**0.32**		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
sec-Butylbenzene	**0.083**		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Styrene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
tert-Butylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Tetrachloroethene (PCE)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Toluene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
trans-1,2-Dichloroethene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
trans-1,3-Dichloropropene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Trichloroethene (TCE)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Trichlorofluoromethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Vinyl chloride	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 05:17	1
Xylenes, Total	ND		0.066		mg/Kg		05/15/26 12:28	05/20/26 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 147*	*05/15/26 12:28*	*05/20/26 05:17*	*1*
Toluene-d8 (Surr)	*83*		*70 - 130*	*05/15/26 12:28*	*05/20/26 05:17*	*1*
4-Bromofluorobenzene (Surr)	*108*		*62 - 144*	*05/15/26 12:28*	*05/20/26 05:17*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 145*	*05/15/26 12:28*	*05/20/26 05:17*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**120**		8.9		mg/Kg		05/18/26 10:11	05/18/26 19:56	1
Motor Oil Range Organics [C28-C40]	**62**		45		mg/Kg		05/18/26 10:11	05/18/26 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*05/18/26 10:11*	*05/18/26 19:56*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-09-WT

Date Collected: 05/12/26 11:41
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-3

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6		mg/Kg		05/15/26 12:28	05/20/26 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*05/15/26 12:28*	*05/20/26 05:45*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,1,1-Trichloroethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,1,2,2-Tetrachloroethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,1,2-Trichloroethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,1-Dichloroethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,1-Dichloroethene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,1-Dichloropropene	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,2,3-Trichlorobenzene	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,2,3-Trichloropropane	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,2,4-Trichlorobenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,2,4-Trimethylbenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,2-Dibromo-3-Chloropropane	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,2-Dibromoethane (EDB)	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,2-Dichlorobenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,2-Dichloroethane (EDC)	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,2-Dichloropropane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,3,5-Trimethylbenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,3-Dichlorobenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,3-Dichloropropane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1,4-Dichlorobenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
1-Methylnaphthalene	**0.17**		0.14		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
2,2-Dichloropropane	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
2-Butanone	ND		0.36		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
2-Chlorotoluene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
2-Hexanone	ND		0.36		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
2-Methylnaphthalene	**0.17**		0.14		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
4-Chlorotoluene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
4-Isopropyltoluene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
4-Methyl-2-pentanone	ND		0.36		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Acetone	ND		0.53		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Benzene	ND		0.018		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Bromobenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Bromodichloromethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Dibromochloromethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Bromoform	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Bromomethane	ND		0.53		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Carbon disulfide	ND		0.36		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Carbon tetrachloride	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Chlorobenzene	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Chloroethane	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Chloroform	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Chloromethane	ND		0.36		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
cis-1,2-Dichloroethene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-09-WT
Date Collected: 05/12/26 11:41
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-3
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Dibromomethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Dichlorodifluoromethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Ethylbenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Hexachlorobutadiene	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Isopropylbenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Methyl-tert-butyl Ether (MTBE)	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Methylene Chloride	ND		0.11		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
n-Butylbenzene	ND		0.11		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
N-Propylbenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Naphthalene	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
sec-Butylbenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Styrene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
tert-Butylbenzene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Tetrachloroethene (PCE)	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Toluene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
trans-1,2-Dichloroethene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
trans-1,3-Dichloropropene	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Trichloroethene (TCE)	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Trichlorofluoromethane	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Vinyl chloride	ND		0.036		mg/Kg		05/15/26 12:28	05/20/26 05:45	1
Xylenes, Total	ND		0.071		mg/Kg		05/15/26 12:28	05/20/26 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 147*	*05/15/26 12:28*	*05/20/26 05:45*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*	*05/15/26 12:28*	*05/20/26 05:45*	*1*
4-Bromofluorobenzene (Surr)	*93*		*62 - 144*	*05/15/26 12:28*	*05/20/26 05:45*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 145*	*05/15/26 12:28*	*05/20/26 05:45*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		05/18/26 10:11	05/18/26 20:08	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		05/18/26 10:11	05/18/26 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*05/18/26 10:11*	*05/18/26 20:08*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-09-"20-22"
Date Collected: 05/12/26 11:50
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-4
Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.9		mg/Kg		05/15/26 12:28	05/20/26 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*05/15/26 12:28*	*05/20/26 06:12*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,1,1-Trichloroethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,1,2,2-Tetrachloroethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,1,2-Trichloroethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,1-Dichloroethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,1-Dichloroethene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,1-Dichloropropene	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,2,3-Trichlorobenzene	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,2,3-Trichloropropane	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,2,4-Trichlorobenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,2,4-Trimethylbenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,2-Dibromo-3-Chloropropane	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,2-Dibromoethane (EDB)	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,2-Dichlorobenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,2-Dichloroethane (EDC)	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,2-Dichloropropane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,3,5-Trimethylbenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,3-Dichlorobenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,3-Dichloropropane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1,4-Dichlorobenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
1-Methylnaphthalene	ND		0.12		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
2,2-Dichloropropane	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
2-Butanone	ND		0.29		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
2-Chlorotoluene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
2-Hexanone	ND		0.29		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
2-Methylnaphthalene	ND		0.12		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
4-Chlorotoluene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
4-Isopropyltoluene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
4-Methyl-2-pentanone	ND		0.29		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Acetone	ND		0.44		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Benzene	ND		0.015		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Bromobenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Bromodichloromethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Dibromochloromethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Bromoform	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Bromomethane	ND		0.44		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Carbon disulfide	ND		0.29		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Carbon tetrachloride	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Chlorobenzene	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Chloroethane	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Chloroform	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Chloromethane	ND		0.29		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
cis-1,2-Dichloroethene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1

Client Sample ID: MW-EP-09-"20-22"
Date Collected: 05/12/26 11:50
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-4
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Dibromomethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Dichlorodifluoromethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Ethylbenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Hexachlorobutadiene	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Isopropylbenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Methyl-tert-butyl Ether (MTBE)	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Methylene Chloride	ND		0.088		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
n-Butylbenzene	ND		0.088		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
N-Propylbenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Naphthalene	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
sec-Butylbenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Styrene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
tert-Butylbenzene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Tetrachloroethene (PCE)	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Toluene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
trans-1,2-Dichloroethene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
trans-1,3-Dichloropropene	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Trichloroethene (TCE)	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Trichlorofluoromethane	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Vinyl chloride	ND		0.029		mg/Kg		05/15/26 12:28	05/20/26 06:12	1
Xylenes, Total	ND		0.059		mg/Kg		05/15/26 12:28	05/20/26 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 147*	*05/15/26 12:28*	*05/20/26 06:12*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*	*05/15/26 12:28*	*05/20/26 06:12*	*1*
4-Bromofluorobenzene (Surr)	*91*		*62 - 144*	*05/15/26 12:28*	*05/20/26 06:12*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 145*	*05/15/26 12:28*	*05/20/26 06:12*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.6		mg/Kg		05/18/26 10:11	05/18/26 20:20	1
Motor Oil Range Organics [C28-C40]	ND		43		mg/Kg		05/18/26 10:11	05/18/26 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*05/18/26 10:11*	*05/18/26 20:20*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-07-WT

Date Collected: 05/12/26 14:33
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-5

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	89		7.0		mg/Kg		05/15/26 12:28	05/20/26 06:39	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*05/15/26 12:28*	*05/20/26 06:39*	*2*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,1,1-Trichloroethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,1,2,2-Tetrachloroethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,1,2-Trichloroethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,1-Dichloroethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,1-Dichloroethene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,1-Dichloropropene	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,2,3-Trichlorobenzene	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,2,3-Trichloropropane	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,2,4-Trichlorobenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,2,4-Trimethylbenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,2-Dibromo-3-Chloropropane	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,2-Dibromoethane (EDB)	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,2-Dichlorobenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,2-Dichloroethane (EDC)	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,2-Dichloropropane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,3,5-Trimethylbenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,3-Dichlorobenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,3-Dichloropropane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1,4-Dichlorobenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
1-Methylnaphthalene	3.1		0.28		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
2,2-Dichloropropane	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
2-Butanone	ND		0.70		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
2-Chlorotoluene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
2-Hexanone	ND		0.70		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
2-Methylnaphthalene	ND		0.28		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
4-Chlorotoluene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
4-Isopropyltoluene	0.26		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
4-Methyl-2-pentanone	ND		0.70		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Acetone	ND		1.0		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Benzene	ND		0.035		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Bromobenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Bromodichloromethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Dibromochloromethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Bromoform	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Bromomethane	ND		1.0		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Carbon disulfide	ND		0.70		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Carbon tetrachloride	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Chlorobenzene	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Chloroethane	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Chloroform	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Chloromethane	ND		0.70		mg/Kg		05/15/26 12:28	05/20/26 06:39	2

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-07-WT
Date Collected: 05/12/26 14:33
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-5
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
cis-1,3-Dichloropropene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Dibromomethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Dichlorodifluoromethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Ethylbenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Hexachlorobutadiene	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Isopropylbenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Methyl-tert-butyl Ether (MTBE)	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Methylene Chloride	ND		0.21		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
n-Butylbenzene	**0.92**		0.21		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
N-Propylbenzene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Naphthalene	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
sec-Butylbenzene	**0.87**		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Styrene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
tert-Butylbenzene	**0.15**		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Tetrachloroethene (PCE)	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Toluene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
trans-1,2-Dichloroethene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
trans-1,3-Dichloropropene	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Trichloroethene (TCE)	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Trichlorofluoromethane	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Vinyl chloride	ND		0.070		mg/Kg		05/15/26 12:28	05/20/26 06:39	2
Xylenes, Total	ND		0.14		mg/Kg		05/15/26 12:28	05/20/26 06:39	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 147*	*05/15/26 12:28*	*05/20/26 06:39*	*2*
Toluene-d8 (Surr)	*78*		*70 - 130*	*05/15/26 12:28*	*05/20/26 06:39*	*2*
4-Bromofluorobenzene (Surr)	*125*		*62 - 144*	*05/15/26 12:28*	*05/20/26 06:39*	*2*
Dibromofluoromethane (Surr)	*98*		*73 - 145*	*05/15/26 12:28*	*05/20/26 06:39*	*2*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**3300**		93		mg/Kg		05/18/26 10:11	05/18/26 20:31	10
Motor Oil Range Organics [C28-C40]	**1400**		470		mg/Kg		05/18/26 10:11	05/18/26 20:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*05/18/26 10:11*	*05/18/26 20:31*	*10*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-07-"16-18"
Date Collected: 05/12/26 14:44
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-6
Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	6.8		3.2		mg/Kg		05/15/26 12:28	05/20/26 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*05/15/26 12:28*	*05/20/26 07:07*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,1,1-Trichloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,1,2,2-Tetrachloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,1,2-Trichloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,1-Dichloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,1-Dichloroethene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,1-Dichloropropene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,2,3-Trichlorobenzene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,2,3-Trichloropropane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,2,4-Trichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,2,4-Trimethylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,2-Dibromo-3-Chloropropane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,2-Dibromoethane (EDB)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,2-Dichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,2-Dichloroethane (EDC)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,2-Dichloropropane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,3,5-Trimethylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,3-Dichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,3-Dichloropropane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1,4-Dichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
1-Methylnaphthalene	0.23		0.13		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
2,2-Dichloropropane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
2-Butanone	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
2-Chlorotoluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
2-Hexanone	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
2-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
4-Chlorotoluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
4-Isopropyltoluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
4-Methyl-2-pentanone	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Acetone	ND		0.47		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Benzene	ND		0.016		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Bromobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Bromodichloromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Dibromochloromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Bromoform	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Bromomethane	ND		0.47		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Carbon disulfide	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Carbon tetrachloride	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Chlorobenzene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Chloroethane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Chloroform	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Chloromethane	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 07:07	1

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-07-"16-18"
Date Collected: 05/12/26 14:44
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-6
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
cis-1,3-Dichloropropene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Dibromomethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Dichlorodifluoromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Ethylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Hexachlorobutadiene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Isopropylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Methyl-tert-butyl Ether (MTBE)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Methylene Chloride	ND		0.095		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
n-Butylbenzene	ND		0.095		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
N-Propylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Naphthalene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
sec-Butylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Styrene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
tert-Butylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Tetrachloroethene (PCE)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Toluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
trans-1,2-Dichloroethene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
trans-1,3-Dichloropropene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Trichloroethene (TCE)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Trichlorofluoromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Vinyl chloride	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 07:07	1
Xylenes, Total	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 147*	*05/15/26 12:28*	*05/20/26 07:07*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*	*05/15/26 12:28*	*05/20/26 07:07*	*1*
4-Bromofluorobenzene (Surr)	*105*		*62 - 144*	*05/15/26 12:28*	*05/20/26 07:07*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 145*	*05/15/26 12:28*	*05/20/26 07:07*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**20**		9.6		mg/Kg		05/18/26 10:11	05/18/26 21:12	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		05/18/26 10:11	05/18/26 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*05/18/26 10:11*	*05/18/26 21:12*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-06-WT

Date Collected: 05/12/26 16:24
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-7

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.3		mg/Kg		05/15/26 12:28	05/20/26 07:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*05/15/26 12:28*	*05/20/26 07:34*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,1,1-Trichloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,1,2,2-Tetrachloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,1,2-Trichloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,1-Dichloroethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,1-Dichloroethene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,1-Dichloropropene	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,2,3-Trichlorobenzene	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,2,3-Trichloropropane	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,2,4-Trichlorobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,2,4-Trimethylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,2-Dibromo-3-Chloropropane	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,2-Dibromoethane (EDB)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,2-Dichlorobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,2-Dichloroethane (EDC)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,2-Dichloropropane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,3,5-Trimethylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,3-Dichlorobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,3-Dichloropropane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1,4-Dichlorobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
1-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
2,2-Dichloropropane	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
2-Butanone	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
2-Chlorotoluene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
2-Hexanone	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
2-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
4-Chlorotoluene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
4-Isopropyltoluene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
4-Methyl-2-pentanone	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Acetone	ND		0.50		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Benzene	ND		0.017		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Bromobenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Bromodichloromethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Dibromochloromethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Bromoform	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Bromomethane	ND		0.50		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Carbon disulfide	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Carbon tetrachloride	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Chlorobenzene	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Chloroethane	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Chloroform	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Chloromethane	ND		0.33		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
cis-1,2-Dichloroethene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1

Client Sample ID: MW-EP-06-WT
Date Collected: 05/12/26 16:24
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-7
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Dibromomethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Dichlorodifluoromethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Ethylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Hexachlorobutadiene	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Isopropylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Methyl-tert-butyl Ether (MTBE)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Methylene Chloride	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
n-Butylbenzene	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
N-Propylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Naphthalene	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
sec-Butylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Styrene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
tert-Butylbenzene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Tetrachloroethene (PCE)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Toluene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
trans-1,2-Dichloroethene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
trans-1,3-Dichloropropene	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Trichloroethene (TCE)	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Trichlorofluoromethane	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Vinyl chloride	ND		0.033		mg/Kg		05/15/26 12:28	05/20/26 07:34	1
Xylenes, Total	ND		0.067		mg/Kg		05/15/26 12:28	05/20/26 07:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 147*	*05/15/26 12:28*	*05/20/26 07:34*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*05/15/26 12:28*	*05/20/26 07:34*	*1*
4-Bromofluorobenzene (Surr)	*92*		*62 - 144*	*05/15/26 12:28*	*05/20/26 07:34*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 145*	*05/15/26 12:28*	*05/20/26 07:34*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.4		mg/Kg		05/18/26 10:11	05/18/26 21:24	1
Motor Oil Range Organics [C28-C40]	ND		42		mg/Kg		05/18/26 10:11	05/18/26 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*05/18/26 10:11*	*05/18/26 21:24*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-06-"16-18"

Date Collected: 05/12/26 16:44
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-8

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2		mg/Kg		05/15/26 12:28	05/20/26 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*05/15/26 12:28*	*05/20/26 08:02*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,1,1-Trichloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,1,2,2-Tetrachloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,1,2-Trichloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,1-Dichloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,1-Dichloroethene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,1-Dichloropropene	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,2,3-Trichlorobenzene	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,2,3-Trichloropropane	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,2,4-Trichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,2,4-Trimethylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,2-Dibromo-3-Chloropropane	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,2-Dibromoethane (EDB)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,2-Dichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,2-Dichloroethane (EDC)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,2-Dichloropropane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,3,5-Trimethylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,3-Dichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,3-Dichloropropane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1,4-Dichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
1-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
2,2-Dichloropropane	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
2-Butanone	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
2-Chlorotoluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
2-Hexanone	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
2-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
4-Chlorotoluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
4-Isopropyltoluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
4-Methyl-2-pentanone	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Acetone	ND		0.49		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Benzene	ND		0.016		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Bromobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Bromodichloromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Dibromochloromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Bromoform	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Bromomethane	ND		0.49		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Carbon disulfide	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Carbon tetrachloride	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Chlorobenzene	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Chloroethane	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Chloroform	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Chloromethane	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
cis-1,2-Dichloroethene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1

Client Sample ID: MW-EP-06-"16-18"
Date Collected: 05/12/26 16:44
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-8
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Dibromomethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Dichlorodifluoromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Ethylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Hexachlorobutadiene	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Isopropylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Methyl-tert-butyl Ether (MTBE)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Methylene Chloride	ND		0.097		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
n-Butylbenzene	ND		0.097		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
N-Propylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Naphthalene	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
sec-Butylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Styrene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
tert-Butylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Tetrachloroethene (PCE)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Toluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
trans-1,2-Dichloroethene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
trans-1,3-Dichloropropene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Trichloroethene (TCE)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Trichlorofluoromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Vinyl chloride	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 08:02	1
Xylenes, Total	ND		0.065		mg/Kg		05/15/26 12:28	05/20/26 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 147*	*05/15/26 12:28*	*05/20/26 08:02*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*	*05/15/26 12:28*	*05/20/26 08:02*	*1*
4-Bromofluorobenzene (Surr)	*92*		*62 - 144*	*05/15/26 12:28*	*05/20/26 08:02*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 145*	*05/15/26 12:28*	*05/20/26 08:02*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		05/18/26 10:11	05/18/26 21:36	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		05/18/26 10:11	05/18/26 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*05/18/26 10:11*	*05/18/26 21:36*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-05-WT

Date Collected: 05/13/26 09:31
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-9

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0		mg/Kg		05/15/26 12:28	05/20/26 08:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*05/15/26 12:28*	*05/20/26 08:29*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,1,1-Trichloroethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,1,2,2-Tetrachloroethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,1,2-Trichloroethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,1-Dichloroethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,1-Dichloroethene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,1-Dichloropropene	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,2,3-Trichlorobenzene	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,2,3-Trichloropropane	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,2,4-Trichlorobenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,2,4-Trimethylbenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,2-Dibromo-3-Chloropropane	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,2-Dibromoethane (EDB)	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,2-Dichlorobenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,2-Dichloroethane (EDC)	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,2-Dichloropropane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,3,5-Trimethylbenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,3-Dichlorobenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,3-Dichloropropane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1,4-Dichlorobenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
1-Methylnaphthalene	ND		0.16		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
2,2-Dichloropropane	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
2-Butanone	ND		0.40		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
2-Chlorotoluene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
2-Hexanone	ND		0.40		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
2-Methylnaphthalene	ND		0.16		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
4-Chlorotoluene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
4-Isopropyltoluene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
4-Methyl-2-pentanone	ND		0.40		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Acetone	ND		0.59		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Benzene	ND		0.020		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Bromobenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Bromodichloromethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Dibromochloromethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Bromoform	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Bromomethane	ND		0.59		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Carbon disulfide	ND		0.40		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Carbon tetrachloride	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Chlorobenzene	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Chloroethane	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Chloroform	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Chloromethane	ND		0.40		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
cis-1,2-Dichloroethene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1

Client Sample ID: MW-EP-05-WT
Date Collected: 05/13/26 09:31
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-9
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Dibromomethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Dichlorodifluoromethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Ethylbenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Hexachlorobutadiene	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Isopropylbenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Methyl-tert-butyl Ether (MTBE)	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Methylene Chloride	ND		0.12		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
n-Butylbenzene	ND		0.12		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
N-Propylbenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Naphthalene	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
sec-Butylbenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Styrene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
tert-Butylbenzene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Tetrachloroethene (PCE)	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Toluene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
trans-1,2-Dichloroethene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
trans-1,3-Dichloropropene	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Trichloroethene (TCE)	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Trichlorofluoromethane	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Vinyl chloride	ND		0.040		mg/Kg		05/15/26 12:28	05/20/26 08:29	1
Xylenes, Total	ND		0.079		mg/Kg		05/15/26 12:28	05/20/26 08:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 147*	*05/15/26 12:28*	*05/20/26 08:29*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*05/15/26 12:28*	*05/20/26 08:29*	*1*
4-Bromofluorobenzene (Surr)	*94*		*62 - 144*	*05/15/26 12:28*	*05/20/26 08:29*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 145*	*05/15/26 12:28*	*05/20/26 08:29*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		05/18/26 10:11	05/18/26 22:00	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		05/18/26 10:11	05/18/26 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*05/18/26 10:11*	*05/18/26 22:00*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-05-"14-16"

Date Collected: 05/13/26 09:33
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-10

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.7		mg/Kg		05/15/26 12:28	05/20/26 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*05/15/26 12:28*	*05/20/26 08:56*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,1,1-Trichloroethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,1,2,2-Tetrachloroethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,1,2-Trichloroethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,1-Dichloroethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,1-Dichloroethene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,1-Dichloropropene	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,2,3-Trichlorobenzene	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,2,3-Trichloropropane	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,2,4-Trichlorobenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,2,4-Trimethylbenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,2-Dibromo-3-Chloropropane	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,2-Dibromoethane (EDB)	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,2-Dichlorobenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,2-Dichloroethane (EDC)	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,2-Dichloropropane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,3,5-Trimethylbenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,3-Dichlorobenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,3-Dichloropropane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1,4-Dichlorobenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
1-Methylnaphthalene	ND		0.11		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
2,2-Dichloropropane	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
2-Butanone	ND		0.27		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
2-Chlorotoluene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
2-Hexanone	ND		0.27		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
2-Methylnaphthalene	ND		0.11		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
4-Chlorotoluene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
4-Isopropyltoluene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
4-Methyl-2-pentanone	ND		0.27		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Acetone	ND		0.40		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Benzene	ND		0.013		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Bromobenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Bromodichloromethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Dibromochloromethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Bromoform	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Bromomethane	ND		0.40		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Carbon disulfide	ND		0.27		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Carbon tetrachloride	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Chlorobenzene	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Chloroethane	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Chloroform	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Chloromethane	ND		0.27		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
cis-1,2-Dichloroethene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1

Client Sample ID: MW-EP-05-"14-16"
Date Collected: 05/13/26 09:33
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-10
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Dibromomethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Dichlorodifluoromethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Ethylbenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Hexachlorobutadiene	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Isopropylbenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Methyl-tert-butyl Ether (MTBE)	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Methylene Chloride	ND		0.081		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
n-Butylbenzene	ND		0.081		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
N-Propylbenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Naphthalene	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
sec-Butylbenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Styrene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
tert-Butylbenzene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Tetrachloroethene (PCE)	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Toluene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
trans-1,2-Dichloroethene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
trans-1,3-Dichloropropene	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Trichloroethene (TCE)	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Trichlorofluoromethane	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Vinyl chloride	ND		0.027		mg/Kg		05/15/26 12:28	05/20/26 08:56	1
Xylenes, Total	ND		0.054		mg/Kg		05/15/26 12:28	05/20/26 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 147*	*05/15/26 12:28*	*05/20/26 08:56*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*05/15/26 12:28*	*05/20/26 08:56*	*1*
4-Bromofluorobenzene (Surr)	*94*		*62 - 144*	*05/15/26 12:28*	*05/20/26 08:56*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 145*	*05/15/26 12:28*	*05/20/26 08:56*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**110**		9.8		mg/Kg		05/18/26 10:11	05/18/26 22:12	1
Motor Oil Range Organics [C28-C40]	**53**		49		mg/Kg		05/18/26 10:11	05/18/26 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*05/18/26 10:11*	*05/18/26 22:12*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-10-WT

Date Collected: 05/13/26 11:30
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-11

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.0		mg/Kg		05/15/26 12:28	05/20/26 09:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*05/15/26 12:28*	*05/20/26 09:24*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,1,1-Trichloroethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,1,2,2-Tetrachloroethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,1,2-Trichloroethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,1-Dichloroethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,1-Dichloroethene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,1-Dichloropropene	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,2,3-Trichlorobenzene	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,2,3-Trichloropropane	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,2,4-Trichlorobenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,2,4-Trimethylbenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,2-Dibromo-3-Chloropropane	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,2-Dibromoethane (EDB)	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,2-Dichlorobenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,2-Dichloroethane (EDC)	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,2-Dichloropropane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,3,5-Trimethylbenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,3-Dichlorobenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,3-Dichloropropane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1,4-Dichlorobenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
1-Methylnaphthalene	ND		0.12		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
2,2-Dichloropropane	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
2-Butanone	ND		0.30		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
2-Chlorotoluene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
2-Hexanone	ND		0.30		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
2-Methylnaphthalene	ND		0.12		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
4-Chlorotoluene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
4-Isopropyltoluene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
4-Methyl-2-pentanone	ND		0.30		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Acetone	ND		0.45		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Benzene	ND		0.015		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Bromobenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Bromodichloromethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Dibromochloromethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Bromoform	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Bromomethane	ND		0.45		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Carbon disulfide	ND		0.30		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Carbon tetrachloride	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Chlorobenzene	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Chloroethane	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Chloroform	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Chloromethane	ND		0.30		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
cis-1,2-Dichloroethene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1

Client Sample ID: MW-EP-10-WT
Date Collected: 05/13/26 11:30
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-11
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Dibromomethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Dichlorodifluoromethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Ethylbenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Hexachlorobutadiene	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Isopropylbenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Methyl-tert-butyl Ether (MTBE)	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Methylene Chloride	ND		0.090		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
n-Butylbenzene	ND		0.090		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
N-Propylbenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Naphthalene	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
sec-Butylbenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Styrene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
tert-Butylbenzene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Tetrachloroethene (PCE)	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Toluene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
trans-1,2-Dichloroethene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
trans-1,3-Dichloropropene	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Trichloroethene (TCE)	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Trichlorofluoromethane	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Vinyl chloride	ND		0.030		mg/Kg		05/15/26 12:28	05/20/26 09:24	1
Xylenes, Total	ND		0.060		mg/Kg		05/15/26 12:28	05/20/26 09:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 147*	*05/15/26 12:28*	*05/20/26 09:24*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*	*05/15/26 12:28*	*05/20/26 09:24*	*1*
4-Bromofluorobenzene (Surr)	*92*		*62 - 144*	*05/15/26 12:28*	*05/20/26 09:24*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 145*	*05/15/26 12:28*	*05/20/26 09:24*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		05/18/26 10:11	05/18/26 22:53	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		05/18/26 10:11	05/18/26 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*05/18/26 10:11*	*05/18/26 22:53*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-10-WT-DUP

Date Collected: 05/13/26 11:30
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-12

Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2		mg/Kg		05/15/26 12:28	05/20/26 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*05/15/26 12:28*	*05/20/26 09:51*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,1,1-Trichloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,1,2,2-Tetrachloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,1,2-Trichloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,1-Dichloroethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,1-Dichloroethene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,1-Dichloropropene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,2,3-Trichlorobenzene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,2,3-Trichloropropane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,2,4-Trichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,2,4-Trimethylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,2-Dibromo-3-Chloropropane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,2-Dibromoethane (EDB)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,2-Dichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,2-Dichloroethane (EDC)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,2-Dichloropropane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,3,5-Trimethylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,3-Dichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,3-Dichloropropane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1,4-Dichlorobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
1-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
2,2-Dichloropropane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
2-Butanone	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
2-Chlorotoluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
2-Hexanone	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
2-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
4-Chlorotoluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
4-Isopropyltoluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
4-Methyl-2-pentanone	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Acetone	ND		0.48		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Benzene	ND		0.016		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Bromobenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Bromodichloromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Dibromochloromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Bromoform	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Bromomethane	ND		0.48		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Carbon disulfide	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Carbon tetrachloride	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Chlorobenzene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Chloroethane	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Chloroform	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Chloromethane	ND		0.32		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
cis-1,2-Dichloroethene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1

Client Sample ID: MW-EP-10-WT-DUP
Date Collected: 05/13/26 11:30
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-12
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Dibromomethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Dichlorodifluoromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Ethylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Hexachlorobutadiene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Isopropylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Methyl-tert-butyl Ether (MTBE)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Methylene Chloride	ND		0.095		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
n-Butylbenzene	ND		0.095		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
N-Propylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Naphthalene	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
sec-Butylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Styrene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
tert-Butylbenzene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Tetrachloroethene (PCE)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Toluene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
trans-1,2-Dichloroethene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
trans-1,3-Dichloropropene	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Trichloroethene (TCE)	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Trichlorofluoromethane	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Vinyl chloride	ND		0.032		mg/Kg		05/15/26 12:28	05/20/26 09:51	1
Xylenes, Total	ND		0.063		mg/Kg		05/15/26 12:28	05/20/26 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 147*	*05/15/26 12:28*	*05/20/26 09:51*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*	*05/15/26 12:28*	*05/20/26 09:51*	*1*
4-Bromofluorobenzene (Surr)	*93*		*62 - 144*	*05/15/26 12:28*	*05/20/26 09:51*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 145*	*05/15/26 12:28*	*05/20/26 09:51*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		05/18/26 10:11	05/18/26 23:04	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		05/18/26 10:11	05/18/26 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*05/18/26 10:11*	*05/18/26 23:04*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-10-"20-22"
Date Collected: 05/13/26 11:54
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-13
Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.7		mg/Kg		05/15/26 12:41	05/20/26 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*05/15/26 12:41*	*05/20/26 10:19*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,1,1-Trichloroethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,1,2,2-Tetrachloroethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,1,2-Trichloroethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,1-Dichloroethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,1-Dichloroethene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,1-Dichloropropene	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,2,3-Trichlorobenzene	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,2,3-Trichloropropane	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,2,4-Trichlorobenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,2,4-Trimethylbenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,2-Dibromo-3-Chloropropane	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,2-Dibromoethane (EDB)	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,2-Dichlorobenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,2-Dichloroethane (EDC)	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,2-Dichloropropane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,3,5-Trimethylbenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,3-Dichlorobenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,3-Dichloropropane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1,4-Dichlorobenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
1-Methylnaphthalene	ND		0.11		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
2,2-Dichloropropane	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
2-Butanone	ND		0.27		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
2-Chlorotoluene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
2-Hexanone	ND		0.27		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
2-Methylnaphthalene	ND		0.11		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
4-Chlorotoluene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
4-Isopropyltoluene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
4-Methyl-2-pentanone	ND		0.27		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Acetone	ND		0.40		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Benzene	ND		0.013		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Bromobenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Bromodichloromethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Dibromochloromethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Bromoform	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Bromomethane	ND		0.40		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Carbon disulfide	ND		0.27		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Carbon tetrachloride	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Chlorobenzene	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Chloroethane	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Chloroform	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Chloromethane	ND		0.27		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
cis-1,2-Dichloroethene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1

Client Sample ID: MW-EP-10-"20-22"
Date Collected: 05/13/26 11:54
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-13
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Dibromomethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Dichlorodifluoromethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Ethylbenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Hexachlorobutadiene	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Isopropylbenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Methyl-tert-butyl Ether (MTBE)	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Methylene Chloride	ND		0.081		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
n-Butylbenzene	ND		0.081		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
N-Propylbenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Naphthalene	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
sec-Butylbenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Styrene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
tert-Butylbenzene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Tetrachloroethene (PCE)	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Toluene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
trans-1,2-Dichloroethene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
trans-1,3-Dichloropropene	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Trichloroethene (TCE)	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Trichlorofluoromethane	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Vinyl chloride	ND		0.027		mg/Kg		05/15/26 12:41	05/20/26 10:19	1
Xylenes, Total	ND		0.054		mg/Kg		05/15/26 12:41	05/20/26 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 147*	*05/15/26 12:41*	*05/20/26 10:19*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*05/15/26 12:41*	*05/20/26 10:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*62 - 144*	*05/15/26 12:41*	*05/20/26 10:19*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 145*	*05/15/26 12:41*	*05/20/26 10:19*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		05/18/26 11:41	05/18/26 15:52	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		05/18/26 11:41	05/18/26 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*05/18/26 11:41*	*05/18/26 15:52*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-08-WT
Date Collected: 05/13/26 14:01
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-14
Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		2.9		mg/Kg		05/15/26 12:41	05/20/26 10:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/15/26 12:41*	*05/20/26 10:46*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,1,1-Trichloroethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,1,2,2-Tetrachloroethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,1,2-Trichloroethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,1-Dichloroethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,1-Dichloroethene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,1-Dichloropropene	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,2,3-Trichlorobenzene	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,2,3-Trichloropropane	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,2,4-Trichlorobenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,2,4-Trimethylbenzene	**0.031**		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,2-Dibromo-3-Chloropropane	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,2-Dibromoethane (EDB)	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,2-Dichlorobenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,2-Dichloroethane (EDC)	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,2-Dichloropropane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,3,5-Trimethylbenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,3-Dichlorobenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,3-Dichloropropane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1,4-Dichlorobenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
1-Methylnaphthalene	ND		0.11		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
2,2-Dichloropropane	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
2-Butanone	ND		0.29		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
2-Chlorotoluene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
2-Hexanone	ND		0.29		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
2-Methylnaphthalene	ND		0.11		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
4-Chlorotoluene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
4-Isopropyltoluene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
4-Methyl-2-pentanone	ND		0.29		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Acetone	ND		0.43		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Benzene	ND		0.014		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Bromobenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Bromodichloromethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Dibromochloromethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Bromoform	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Bromomethane	ND		0.43		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Carbon disulfide	ND		0.29		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Carbon tetrachloride	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Chlorobenzene	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Chloroethane	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Chloroform	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Chloromethane	ND		0.29		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
cis-1,2-Dichloroethene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1

Client Sample ID: MW-EP-08-WT
Date Collected: 05/13/26 14:01
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-14
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Dibromomethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Dichlorodifluoromethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Ethylbenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Hexachlorobutadiene	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Isopropylbenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Methyl-tert-butyl Ether (MTBE)	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Methylene Chloride	ND		0.086		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
n-Butylbenzene	ND		0.086		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
N-Propylbenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Naphthalene	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
sec-Butylbenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Styrene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
tert-Butylbenzene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Tetrachloroethene (PCE)	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Toluene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
trans-1,2-Dichloroethene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
trans-1,3-Dichloropropene	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Trichloroethene (TCE)	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Trichlorofluoromethane	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Vinyl chloride	ND		0.029		mg/Kg		05/15/26 12:41	05/20/26 10:46	1
Xylenes, Total	ND		0.057		mg/Kg		05/15/26 12:41	05/20/26 10:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 147*	*05/15/26 12:41*	*05/20/26 10:46*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*	*05/15/26 12:41*	*05/20/26 10:46*	*1*
4-Bromofluorobenzene (Surr)	*98*		*62 - 144*	*05/15/26 12:41*	*05/20/26 10:46*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 145*	*05/15/26 12:41*	*05/20/26 10:46*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**13**		9.7		mg/Kg		05/18/26 11:41	05/18/26 16:02	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		05/18/26 11:41	05/18/26 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*05/18/26 11:41*	*05/18/26 16:02*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-08-"16-18"
Date Collected: 05/13/26 14:14
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-15
Matrix: Solid

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**4.3**		3.1		mg/Kg		05/15/26 12:41	05/20/26 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*05/15/26 12:41*	*05/20/26 11:13*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,1,1-Trichloroethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,1,2,2-Tetrachloroethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,1,2-Trichloroethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,1-Dichloroethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,1-Dichloroethene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,1-Dichloropropene	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,2,3-Trichlorobenzene	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,2,3-Trichloropropane	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,2,4-Trichlorobenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,2,4-Trimethylbenzene	**0.083**		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,2-Dibromo-3-Chloropropane	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,2-Dibromoethane (EDB)	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,2-Dichlorobenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,2-Dichloroethane (EDC)	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,2-Dichloropropane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,3,5-Trimethylbenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,3-Dichlorobenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,3-Dichloropropane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1,4-Dichlorobenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
1-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
2,2-Dichloropropane	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
2-Butanone	ND		0.31		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
2-Chlorotoluene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
2-Hexanone	ND		0.31		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
2-Methylnaphthalene	ND		0.13		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
4-Chlorotoluene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
4-Isopropyltoluene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
4-Methyl-2-pentanone	ND		0.31		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Acetone	ND		0.47		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Benzene	ND		0.016		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Bromobenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Bromodichloromethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Dibromochloromethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Bromoform	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Bromomethane	ND		0.47		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Carbon disulfide	ND		0.31		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Carbon tetrachloride	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Chlorobenzene	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Chloroethane	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Chloroform	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Chloromethane	ND		0.31		mg/Kg		05/15/26 12:41	05/20/26 11:13	1

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-08-"16-18"
Date Collected: 05/13/26 14:14
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-15
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
cis-1,3-Dichloropropene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Dibromomethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Dichlorodifluoromethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Ethylbenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Hexachlorobutadiene	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Isopropylbenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Methyl-tert-butyl Ether (MTBE)	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Methylene Chloride	ND		0.094		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
n-Butylbenzene	ND		0.094		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
N-Propylbenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Naphthalene	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
sec-Butylbenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Styrene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
tert-Butylbenzene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Tetrachloroethene (PCE)	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Toluene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
trans-1,2-Dichloroethene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
trans-1,3-Dichloropropene	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Trichloroethene (TCE)	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Trichlorofluoromethane	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Vinyl chloride	ND		0.031		mg/Kg		05/15/26 12:41	05/20/26 11:13	1
Xylenes, Total	ND		0.063		mg/Kg		05/15/26 12:41	05/20/26 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 147*	*05/15/26 12:41*	*05/20/26 11:13*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*	*05/15/26 12:41*	*05/20/26 11:13*	*1*
4-Bromofluorobenzene (Surr)	*98*		*62 - 144*	*05/15/26 12:41*	*05/20/26 11:13*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 145*	*05/15/26 12:41*	*05/20/26 11:13*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**57**		9.6		mg/Kg		05/18/26 11:41	05/18/26 16:13	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		05/18/26 11:41	05/18/26 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*05/18/26 11:41*	*05/18/26 16:13*	*1*

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MeOH Blank
Date Collected: 05/13/26 00:00
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-16
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,1,2-Trichloroethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,1-Dichloroethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,1-Dichloroethene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,1-Dichloropropene	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,2,3-Trichlorobenzene	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,2-Dibromo-3-Chloropropane	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,2-Dichloropropane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,3-Dichloropropane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
1-Methylnaphthalene	ND		0.20		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
2,2-Dichloropropane	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
2-Butanone	ND		0.50		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
2-Chlorotoluene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
2-Hexanone	ND		0.50		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
2-Methylnaphthalene	ND		0.20		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
4-Chlorotoluene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
4-Isopropyltoluene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Acetone	ND		0.75		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Benzene	ND		0.025		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Bromobenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Bromodichloromethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Dibromochloromethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Bromoform	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Bromomethane	ND		0.75		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Carbon disulfide	ND		0.50		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Carbon tetrachloride	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Chlorobenzene	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Chloroethane	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Chloroform	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Chloromethane	ND		0.50		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Dibromomethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Ethylbenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Hexachlorobutadiene	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Isopropylbenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MeOH Blank
Date Collected: 05/13/26 00:00
Date Received: 05/14/26 15:40

Lab Sample ID: 885-49452-16
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Methylene Chloride	ND		0.15		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
n-Butylbenzene	ND		0.15		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
N-Propylbenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Naphthalene	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
sec-Butylbenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Styrene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
tert-Butylbenzene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Toluene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Trichlorofluoromethane	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Vinyl chloride	ND		0.050		mg/Kg		05/15/26 12:41	05/20/26 11:41	1
Xylenes, Total	ND		0.10		mg/Kg		05/15/26 12:41	05/20/26 11:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 147*	*05/15/26 12:41*	*05/20/26 11:41*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*	*05/15/26 12:41*	*05/20/26 11:41*	*1*
4-Bromofluorobenzene (Surr)	*91*		*62 - 144*	*05/15/26 12:41*	*05/20/26 11:41*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 145*	*05/15/26 12:41*	*05/20/26 11:41*	*1*

Method: 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Lab Sample ID: MB 885-48751/1-A
Matrix: Solid
Analysis Batch: 49069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48751

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		05/15/26 12:28	05/20/26 04:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*05/15/26 12:28*	*05/20/26 04:23*	*1*

Lab Sample ID: LCS 885-48751/2-A
Matrix: Solid
Analysis Batch: 49069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48751

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	24.8		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 885-49452-1 MS
Matrix: Solid
Analysis Batch: 49069

Client Sample ID: MW-EP-04-"16-18"
Prep Type: Total/NA
Prep Batch: 48751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		15.6	16.2		mg/Kg		92	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 885-49452-1 MSD
Matrix: Solid
Analysis Batch: 49069

Client Sample ID: MW-EP-04-"16-18"
Prep Type: Total/NA
Prep Batch: 48751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		15.6	15.4		mg/Kg		87	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-48751/1-A
Matrix: Solid
Analysis Batch: 49067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48751

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,1,1-Trichloroethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,1,2,2-Tetrachloroethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-48751/1-A
Matrix: Solid
Analysis Batch: 49067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48751

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,1-Dichloroethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,1-Dichloroethene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,1-Dichloropropene	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,2,3-Trichlorobenzene	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,2,3-Trichloropropane	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,2,4-Trichlorobenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,2,4-Trimethylbenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,2-Dibromo-3-Chloropropane	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,2-Dibromoethane (EDB)	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,2-Dichlorobenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,2-Dichloroethane (EDC)	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,2-Dichloropropane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,3,5-Trimethylbenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,3-Dichlorobenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,3-Dichloropropane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1,4-Dichlorobenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
1-Methylnaphthalene	ND		0.20		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
2,2-Dichloropropane	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
2-Butanone	ND		0.50		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
2-Chlorotoluene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
2-Hexanone	ND		0.50		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
2-Methylnaphthalene	ND		0.20		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
4-Chlorotoluene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
4-Isopropyltoluene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
4-Methyl-2-pentanone	ND		0.50		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Acetone	ND		0.75		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Benzene	ND		0.025		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Bromobenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Bromodichloromethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Dibromochloromethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Bromoform	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Bromomethane	ND		0.75		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Carbon disulfide	ND		0.50		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Carbon tetrachloride	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Chlorobenzene	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Chloroethane	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Chloroform	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Chloromethane	ND		0.50		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
cis-1,2-Dichloroethene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
cis-1,3-Dichloropropene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Dibromomethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Dichlorodifluoromethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Ethylbenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Hexachlorobutadiene	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Isopropylbenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Methyl-tert-butyl Ether (MTBE)	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Methylene Chloride	ND		0.15		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
n-Butylbenzene	ND		0.15		mg/Kg		05/15/26 12:28	05/20/26 04:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-48751/1-A
Matrix: Solid
Analysis Batch: 49067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48751

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Naphthalene	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
sec-Butylbenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Styrene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
tert-Butylbenzene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Tetrachloroethene (PCE)	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Toluene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
trans-1,2-Dichloroethene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
trans-1,3-Dichloropropene	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Trichloroethene (TCE)	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Trichlorofluoromethane	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Vinyl chloride	ND		0.050		mg/Kg		05/15/26 12:28	05/20/26 04:23	1
Xylenes, Total	ND		0.10		mg/Kg		05/15/26 12:28	05/20/26 04:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 147*	*05/15/26 12:28*	*05/20/26 04:23*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*05/15/26 12:28*	*05/20/26 04:23*	*1*
4-Bromofluorobenzene (Surr)	*96*		*62 - 144*	*05/15/26 12:28*	*05/20/26 04:23*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 145*	*05/15/26 12:28*	*05/20/26 04:23*	*1*

Lab Sample ID: LCS 885-48751/3-A
Matrix: Solid
Analysis Batch: 49067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48751

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			1.00	0.971		mg/Kg		97	70 - 130		
Benzene			1.00	1.29		mg/Kg		129	70 - 130		
Chlorobenzene			1.00	0.994		mg/Kg		99	70 - 130		
Toluene			1.00	0.985		mg/Kg		99	70 - 130		
Trichloroethene (TCE)			1.00	0.998		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 147*
Toluene-d8 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*62 - 144*
Dibromofluoromethane (Surr)	*100*		*73 - 145*

Lab Sample ID: 885-49452-2 MS
Matrix: Solid
Analysis Batch: 49106

Client Sample ID: MW-EP-04-WT
Prep Type: Total/NA
Prep Batch: 48751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene	ND		0.664	0.628		mg/Kg		95	34 - 140		
Benzene	ND		0.664	0.908		mg/Kg		137	61 - 141		
Chlorobenzene	ND		0.664	0.596		mg/Kg		90	61 - 133		
Toluene	ND		0.664	0.565		mg/Kg		85	15 - 261		
Trichloroethene (TCE)	ND		0.664	0.654		mg/Kg		99	58 - 134		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 885-49452-2 MS
Matrix: Solid
Analysis Batch: 49106

Client Sample ID: MW-EP-04-WT
Prep Type: Total/NA
Prep Batch: 48751

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 147*
Toluene-d8 (Surr)	*84*		*70 - 130*
4-Bromofluorobenzene (Surr)	*112*		*62 - 144*
Dibromofluoromethane (Surr)	*100*		*73 - 145*

Lab Sample ID: 885-49452-2 MSD
Matrix: Solid
Analysis Batch: 49106

Client Sample ID: MW-EP-04-WT
Prep Type: Total/NA
Prep Batch: 48751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		0.664	0.574		mg/Kg		87	34 - 140	9	20
Benzene	ND		0.664	0.820		mg/Kg		124	61 - 141	10	20
Chlorobenzene	ND		0.664	0.557		mg/Kg		84	61 - 133	7	20
Toluene	ND		0.664	0.515		mg/Kg		78	15 - 261	9	20
Trichloroethene (TCE)	ND		0.664	0.600		mg/Kg		90	58 - 134	9	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 147*
Toluene-d8 (Surr)	*82*		*70 - 130*
4-Bromofluorobenzene (Surr)	*109*		*62 - 144*
Dibromofluoromethane (Surr)	*97*		*73 - 145*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-48891/1-A
Matrix: Solid
Analysis Batch: 48882

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48891

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		05/18/26 10:11	05/18/26 16:36	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		05/18/26 10:11	05/18/26 16:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*05/18/26 10:11*	*05/18/26 16:36*	*1*

Lab Sample ID: LCS 885-48891/2-A
Matrix: Solid
Analysis Batch: 48882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48891

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	46.4		mg/Kg		93	58 - 144		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-48911/1-A
Matrix: Solid
Analysis Batch: 48881

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48911

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		05/18/26 11:41	05/18/26 15:30	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		05/18/26 11:41	05/18/26 15:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*05/18/26 11:41*	*05/18/26 15:30*	*1*

Lab Sample ID: LCS 885-48911/2-A
Matrix: Solid
Analysis Batch: 48881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48911

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	68.2		mg/Kg		136	58 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*

GC/MS VOA

Prep Batch: 48751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-1	MW-EP-04-"16-18"	Total/NA	Solid	5035	
885-49452-2	MW-EP-04-WT	Total/NA	Solid	5035	
885-49452-3	MW-EP-09-WT	Total/NA	Solid	5035	
885-49452-4	MW-EP-09-"20-22"	Total/NA	Solid	5035	
885-49452-5	MW-EP-07-WT	Total/NA	Solid	5035	
885-49452-6	MW-EP-07-"16-18"	Total/NA	Solid	5035	
885-49452-7	MW-EP-06-WT	Total/NA	Solid	5035	
885-49452-8	MW-EP-06-"16-18"	Total/NA	Solid	5035	
885-49452-9	MW-EP-05-WT	Total/NA	Solid	5035	
885-49452-10	MW-EP-05-"14-16"	Total/NA	Solid	5035	
885-49452-11	MW-EP-10-WT	Total/NA	Solid	5035	
885-49452-12	MW-EP-10-WT-DUP	Total/NA	Solid	5035	
885-49452-13	MW-EP-10-"20-22"	Total/NA	Solid	5035	
885-49452-14	MW-EP-08-WT	Total/NA	Solid	5035	
885-49452-15	MW-EP-08-"16-18"	Total/NA	Solid	5035	
885-49452-16	MeOH Blank	Total/NA	Solid	5035	
MB 885-48751/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-48751/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-48751/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-49452-1 MS	MW-EP-04-"16-18"	Total/NA	Solid	5035	
885-49452-1 MSD	MW-EP-04-"16-18"	Total/NA	Solid	5035	
885-49452-2 MS	MW-EP-04-WT	Total/NA	Solid	5035	
885-49452-2 MSD	MW-EP-04-WT	Total/NA	Solid	5035	

Analysis Batch: 49067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-1	MW-EP-04-"16-18"	Total/NA	Solid	8260B	48751
885-49452-2	MW-EP-04-WT	Total/NA	Solid	8260B	48751
885-49452-3	MW-EP-09-WT	Total/NA	Solid	8260B	48751
885-49452-4	MW-EP-09-"20-22"	Total/NA	Solid	8260B	48751
885-49452-5	MW-EP-07-WT	Total/NA	Solid	8260B	48751
885-49452-6	MW-EP-07-"16-18"	Total/NA	Solid	8260B	48751
885-49452-7	MW-EP-06-WT	Total/NA	Solid	8260B	48751
885-49452-8	MW-EP-06-"16-18"	Total/NA	Solid	8260B	48751
885-49452-9	MW-EP-05-WT	Total/NA	Solid	8260B	48751
885-49452-10	MW-EP-05-"14-16"	Total/NA	Solid	8260B	48751
885-49452-11	MW-EP-10-WT	Total/NA	Solid	8260B	48751
885-49452-12	MW-EP-10-WT-DUP	Total/NA	Solid	8260B	48751
885-49452-13	MW-EP-10-"20-22"	Total/NA	Solid	8260B	48751
885-49452-14	MW-EP-08-WT	Total/NA	Solid	8260B	48751
885-49452-15	MW-EP-08-"16-18"	Total/NA	Solid	8260B	48751
885-49452-16	MeOH Blank	Total/NA	Solid	8260B	48751
MB 885-48751/1-A	Method Blank	Total/NA	Solid	8260B	48751
LCS 885-48751/3-A	Lab Control Sample	Total/NA	Solid	8260B	48751

Analysis Batch: 49069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-1	MW-EP-04-"16-18"	Total/NA	Solid	8015D	48751
885-49452-2	MW-EP-04-WT	Total/NA	Solid	8015D	48751
885-49452-3	MW-EP-09-WT	Total/NA	Solid	8015D	48751
885-49452-4	MW-EP-09-"20-22"	Total/NA	Solid	8015D	48751

GC/MS VOA (Continued)

Analysis Batch: 49069 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-5	MW-EP-07-WT	Total/NA	Solid	8015D	48751
885-49452-6	MW-EP-07-"16-18"	Total/NA	Solid	8015D	48751
885-49452-7	MW-EP-06-WT	Total/NA	Solid	8015D	48751
885-49452-8	MW-EP-06-"16-18"	Total/NA	Solid	8015D	48751
885-49452-9	MW-EP-05-WT	Total/NA	Solid	8015D	48751
885-49452-10	MW-EP-05-"14-16"	Total/NA	Solid	8015D	48751
885-49452-11	MW-EP-10-WT	Total/NA	Solid	8015D	48751
885-49452-12	MW-EP-10-WT-DUP	Total/NA	Solid	8015D	48751
885-49452-13	MW-EP-10-"20-22"	Total/NA	Solid	8015D	48751
885-49452-14	MW-EP-08-WT	Total/NA	Solid	8015D	48751
885-49452-15	MW-EP-08-"16-18"	Total/NA	Solid	8015D	48751
MB 885-48751/1-A	Method Blank	Total/NA	Solid	8015D	48751
LCS 885-48751/2-A	Lab Control Sample	Total/NA	Solid	8015D	48751
885-49452-1 MS	MW-EP-04-"16-18"	Total/NA	Solid	8015D	48751
885-49452-1 MSD	MW-EP-04-"16-18"	Total/NA	Solid	8015D	48751

Analysis Batch: 49106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-2 MS	MW-EP-04-WT	Total/NA	Solid	8260B	48751
885-49452-2 MSD	MW-EP-04-WT	Total/NA	Solid	8260B	48751

GC Semi VOA

Analysis Batch: 48881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-13	MW-EP-10-"20-22"	Total/NA	Solid	8015D	48911
885-49452-14	MW-EP-08-WT	Total/NA	Solid	8015D	48911
885-49452-15	MW-EP-08-"16-18"	Total/NA	Solid	8015D	48911
MB 885-48911/1-A	Method Blank	Total/NA	Solid	8015D	48911
LCS 885-48911/2-A	Lab Control Sample	Total/NA	Solid	8015D	48911

Analysis Batch: 48882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-1	MW-EP-04-"16-18"	Total/NA	Solid	8015D	48891
885-49452-2	MW-EP-04-WT	Total/NA	Solid	8015D	48891
885-49452-3	MW-EP-09-WT	Total/NA	Solid	8015D	48891
885-49452-4	MW-EP-09-"20-22"	Total/NA	Solid	8015D	48891
885-49452-5	MW-EP-07-WT	Total/NA	Solid	8015D	48891
885-49452-6	MW-EP-07-"16-18"	Total/NA	Solid	8015D	48891
885-49452-7	MW-EP-06-WT	Total/NA	Solid	8015D	48891
885-49452-8	MW-EP-06-"16-18"	Total/NA	Solid	8015D	48891
885-49452-9	MW-EP-05-WT	Total/NA	Solid	8015D	48891
885-49452-10	MW-EP-05-"14-16"	Total/NA	Solid	8015D	48891
885-49452-11	MW-EP-10-WT	Total/NA	Solid	8015D	48891
885-49452-12	MW-EP-10-WT-DUP	Total/NA	Solid	8015D	48891
MB 885-48891/1-A	Method Blank	Total/NA	Solid	8015D	48891
LCS 885-48891/2-A	Lab Control Sample	Total/NA	Solid	8015D	48891

Prep Batch: 48891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-1	MW-EP-04-"16-18"	Total/NA	Solid	SHAKE	

GC Semi VOA (Continued)

Prep Batch: 48891 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-2	MW-EP-04-WT	Total/NA	Solid	SHAKE	
885-49452-3	MW-EP-09-WT	Total/NA	Solid	SHAKE	
885-49452-4	MW-EP-09-"20-22"	Total/NA	Solid	SHAKE	
885-49452-5	MW-EP-07-WT	Total/NA	Solid	SHAKE	
885-49452-6	MW-EP-07-"16-18"	Total/NA	Solid	SHAKE	
885-49452-7	MW-EP-06-WT	Total/NA	Solid	SHAKE	
885-49452-8	MW-EP-06-"16-18"	Total/NA	Solid	SHAKE	
885-49452-9	MW-EP-05-WT	Total/NA	Solid	SHAKE	
885-49452-10	MW-EP-05-"14-16"	Total/NA	Solid	SHAKE	
885-49452-11	MW-EP-10-WT	Total/NA	Solid	SHAKE	
885-49452-12	MW-EP-10-WT-DUP	Total/NA	Solid	SHAKE	
MB 885-48891/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-48891/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Prep Batch: 48911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49452-13	MW-EP-10-"20-22"	Total/NA	Solid	SHAKE	
885-49452-14	MW-EP-08-WT	Total/NA	Solid	SHAKE	
885-49452-15	MW-EP-08-"16-18"	Total/NA	Solid	SHAKE	
MB 885-48911/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-48911/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Lab Chronicle

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Client Sample ID: MW-EP-04-"16-18"

Lab Sample ID: 885-49452-1

Date Collected: 05/12/26 09:36
Matrix: Solid
Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 04:50
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 04:50
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 19:44

Client Sample ID: MW-EP-04-WT

Lab Sample ID: 885-49452-2

Date Collected: 05/12/26 09:46
Matrix: Solid
Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 05:17
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 05:17
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 19:56

Client Sample ID: MW-EP-09-WT

Lab Sample ID: 885-49452-3

Date Collected: 05/12/26 11:41
Matrix: Solid
Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 05:45
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 05:45
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 20:08

Client Sample ID: MW-EP-09-"20-22"

Lab Sample ID: 885-49452-4

Date Collected: 05/12/26 11:50
Matrix: Solid
Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 06:12
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 06:12
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 20:20

Client Sample ID: MW-EP-07-WT

Lab Sample ID: 885-49452-5

Date Collected: 05/12/26 14:33

Matrix: Solid

Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		2	49069	JP	EET ALB	05/20/26 06:39
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		2	49067	JP	EET ALB	05/20/26 06:39
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		10	48882	EM	EET ALB	05/18/26 20:31

Client Sample ID: MW-EP-07-"16-18"

Lab Sample ID: 885-49452-6

Date Collected: 05/12/26 14:44

Matrix: Solid

Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 07:07
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 07:07
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 21:12

Client Sample ID: MW-EP-06-WT

Lab Sample ID: 885-49452-7

Date Collected: 05/12/26 16:24

Matrix: Solid

Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 07:34
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 07:34
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 21:24

Client Sample ID: MW-EP-06-"16-18"

Lab Sample ID: 885-49452-8

Date Collected: 05/12/26 16:44

Matrix: Solid

Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 08:02
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 08:02
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 21:36

Client Sample ID: MW-EP-05-WT

Lab Sample ID: 885-49452-9

Date Collected: 05/13/26 09:31

Matrix: Solid

Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 08:29
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 08:29
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 22:00

Client Sample ID: MW-EP-05-"14-16"

Lab Sample ID: 885-49452-10

Date Collected: 05/13/26 09:33

Matrix: Solid

Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 08:56
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 08:56
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 22:12

Client Sample ID: MW-EP-10-WT

Lab Sample ID: 885-49452-11

Date Collected: 05/13/26 11:30

Matrix: Solid

Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 09:24
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 09:24
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 22:53

Client Sample ID: MW-EP-10-WT-DUP

Lab Sample ID: 885-49452-12

Date Collected: 05/13/26 11:30

Matrix: Solid

Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 09:51
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:28
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 09:51
Total/NA	Prep	SHAKE			48891	DH	EET ALB	05/18/26 10:11
Total/NA	Analysis	8015D		1	48882	EM	EET ALB	05/18/26 23:04

Lab Chronicle

Client: EA Engineering
Job ID: 885-49452-1
Project/Site: Former Aerex Refinery

Client Sample ID: MW-EP-10-"20-22"
Lab Sample ID: 885-49452-13
Date Collected: 05/13/26 11:54
Matrix: Solid
Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:41
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 10:19
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:41
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 10:19
Total/NA	Prep	SHAKE			48911	EM	EET ALB	05/18/26 11:41
Total/NA	Analysis	8015D		1	48881	EM	EET ALB	05/18/26 15:52

Client Sample ID: MW-EP-08-WT
Lab Sample ID: 885-49452-14
Date Collected: 05/13/26 14:01
Matrix: Solid
Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:41
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 10:46
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:41
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 10:46
Total/NA	Prep	SHAKE			48911	EM	EET ALB	05/18/26 11:41
Total/NA	Analysis	8015D		1	48881	EM	EET ALB	05/18/26 16:02

Client Sample ID: MW-EP-08-"16-18"
Lab Sample ID: 885-49452-15
Date Collected: 05/13/26 14:14
Matrix: Solid
Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:41
Total/NA	Analysis	8015D		1	49069	JP	EET ALB	05/20/26 11:13
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:41
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 11:13
Total/NA	Prep	SHAKE			48911	EM	EET ALB	05/18/26 11:41
Total/NA	Analysis	8015D		1	48881	EM	EET ALB	05/18/26 16:13

Client Sample ID: MeOH Blank
Lab Sample ID: 885-49452-16
Date Collected: 05/13/26 00:00
Matrix: Solid
Date Received: 05/14/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			48751	JP	EET ALB	05/15/26 12:41
Total/NA	Analysis	8260B		1	49067	JP	EET ALB	05/20/26 11:41

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Former Aerex Refinery

Job ID: 885-49452-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-27

The following analytes are included in this report, but the laboratory is not certified by New Mexico State NM9425. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8015D	5035	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8260B	5035	Solid	1,1,1,2-Tetrachloroethane
8260B	5035	Solid	1,1,1-Trichloroethane
8260B	5035	Solid	1,1,2,2-Tetrachloroethane
8260B	5035	Solid	1,1,2-Trichloroethane
8260B	5035	Solid	1,1-Dichloroethane
8260B	5035	Solid	1,1-Dichloroethene
8260B	5035	Solid	1,1-Dichloropropene
8260B	5035	Solid	1,2,3-Trichlorobenzene
8260B	5035	Solid	1,2,3-Trichloropropane
8260B	5035	Solid	1,2,4-Trichlorobenzene
8260B	5035	Solid	1,2,4-Trimethylbenzene
8260B	5035	Solid	1,2-Dibromo-3-Chloropropane
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	1,2-Dichlorobenzene
8260B	5035	Solid	1,2-Dichloroethane (EDC)
8260B	5035	Solid	1,2-Dichloropropane
8260B	5035	Solid	1,3,5-Trimethylbenzene
8260B	5035	Solid	1,3-Dichlorobenzene
8260B	5035	Solid	1,3-Dichloropropane
8260B	5035	Solid	1,4-Dichlorobenzene
8260B	5035	Solid	1-Methylnaphthalene
8260B	5035	Solid	2,2-Dichloropropane
8260B	5035	Solid	2-Butanone
8260B	5035	Solid	2-Chlorotoluene
8260B	5035	Solid	2-Hexanone
8260B	5035	Solid	2-Methylnaphthalene
8260B	5035	Solid	4-Chlorotoluene
8260B	5035	Solid	4-Isopropyltoluene
8260B	5035	Solid	4-Methyl-2-pentanone
8260B	5035	Solid	Acetone
8260B	5035	Solid	Benzene
8260B	5035	Solid	Bromobenzene
8260B	5035	Solid	Bromodichloromethane
8260B	5035	Solid	Bromoform
8260B	5035	Solid	Bromomethane
8260B	5035	Solid	Carbon disulfide
8260B	5035	Solid	Carbon tetrachloride
8260B	5035	Solid	Chlorobenzene
8260B	5035	Solid	Chloroethane
8260B	5035	Solid	Chloroform
8260B	5035	Solid	Chloromethane
8260B	5035	Solid	cis-1,2-Dichloroethene
8260B	5035	Solid	cis-1,3-Dichloropropene

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by New Mexico State NM9425. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8260B	5035	Solid	Dibromochloromethane
8260B	5035	Solid	Dibromomethane
8260B	5035	Solid	Dichlorodifluoromethane
8260B	5035	Solid	Ethylbenzene
8260B	5035	Solid	Hexachlorobutadiene
8260B	5035	Solid	Isopropylbenzene
8260B	5035	Solid	Methylene Chloride
8260B	5035	Solid	Methyl-tert-butyl Ether (MTBE)
8260B	5035	Solid	Naphthalene
8260B	5035	Solid	n-Butylbenzene
8260B	5035	Solid	N-Propylbenzene
8260B	5035	Solid	sec-Butylbenzene
8260B	5035	Solid	Styrene
8260B	5035	Solid	tert-Butylbenzene
8260B	5035	Solid	Tetrachloroethene (PCE)
8260B	5035	Solid	Toluene
8260B	5035	Solid	trans-1,2-Dichloroethene
8260B	5035	Solid	trans-1,3-Dichloropropene
8260B	5035	Solid	Trichloroethene (TCE)
8260B	5035	Solid	Trichlorofluoromethane
8260B	5035	Solid	Vinyl chloride
8260B	5035	Solid	Xylenes, Total

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-27

The following analytes are included in this report, but the laboratory is not certified by Oregon NELAP NM100001. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8015D	5035	Solid	Gasoline Range Organics [C6 - C10]

Chain-of-Custody Record

Client: Ensolum, A Engineering, Science, & Technology

Mailing Address: 320 Gold Ave SW 87102, Suite 1300 Alb. NM

Phone #: 505-818-0610

email or Fax#: mmcvey@ensolum.com

QA/QC Package.

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ☐ Standard ☐ Rush

Project Name: Former Aerex Refinery

Project #:

Project Manager: Mike McVey

Sampler: M. Ramos-Schultz

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (Including CF): 4.6 - 0.1 = 4.5 °C

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Albuquerque

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM

Tel. 505-345-3975 Fax 505-345-41

885-49452 COC

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 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	826018
5-12-26	0936	Soil	MW-EP-04-"16-18"					X									X
	0946		MW-EP-04-WT														
	1141		MW-EP-09-WT														
	1150		MW-EP-09-"20-22"														
	1433		MW-EP-07-WT														
	1444		MW-EP-07-"16-18"														
	1624		MW-EP-06-WT														
	1644		MW-EP-06-"16-18"														
5-13-26	0931		MW-EP-05-WT														
5-13-26	0933		MW-EP-05-"14-16"														
	1130		MW-EP-10-WT														
	1130		MW-EP-10-WT-DUP														

Date	Time	Relinquished by	Received by	Via	Date	Time
5-14-26	1540			CDO	5.14.26	1546
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: EA Engineering, Science, & Technology

Mailing Address: 320 Gold AVE SW, Suite 1300
Alb. NM 87102

Phone #: 505-818-0610

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: Former Aerex Refinery

Project #:

Project Manager: Mike McVey

Sampler: M. Rames-Schultz

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp(including CF): 4.6+0.1=4.5 °C

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5-13-20	1154	soil	mw-EP-10-"20-22"			
↓	1401	↓	mw-EP-08-WT			
↓	1414	↓	mw-EP-08-"16-18'			

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	82608						
	X									X						
	↓									↓						
	↓									↓						

Date	Time	Relinquished by	Received by	Via	Date	Time
5-14-20	1540			UPS	5.14.20	1540
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.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-49452-1

Login Number: 49452

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mike McVey
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Former Aerex

JOB NUMBER

885-49972-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

myEOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Catherine Upton, Project Manager
Catherine.upton@et.eurofinsus.com
(505)338-8837

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Definitions/Glossary

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
885-49972-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 5/22/2026 9:27 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.3°C and 1.4°C.

Receipt Exceptions
The following samples were collected in an improper container: MW-EP-09 (885-49972-1), MW-EP-07 (885-49972-2), MW-EP-04 (885-49972-3), MW-EP-04-DUP (885-49972-4), MW-EP-08 (885-49972-5), MW-EP-10 (885-49972-6) and MW-EP-06 (885-49972-7). This container may have been obtained from the lab prior to the bottle requirement being modified. Future bottle orders will need to include 4x 40ml amber VOA, unpreserved for 8270 PAH analysis.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The COC listed TAL Metals, but the client confirmed that only the project specific metals were needed.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 885-49443 recovered above the upper control limit for Nitrobenzene-d5 (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 885-49443/28).

Method 8270E: The surrogate recovery for the method blank, lab control sample and lab control duplicate sample associated with preparation batch 885-49424 and analytical batch 885-49443 was outside the upper control limits for Nitrobenzene-d5.

Method 8270E: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-EP-04 (885-49972-3), MW-EP-04-DUP (885-49972-4), MW-EP-10 (885-49972-6), MW-EP-06 (885-49972-7) and MW-EP-05 (885-49972-8). These results have been reported and qualified.

Method 8270E: Acid surrogate recoveries for the following sample(s) is outside the lower control limit: This sample is target for base only compounds so the data was not affected and no corrective action was taken. One base surrogate was high but this is within the acceptable number of allowable failures.

Method 8270E: The laboratory control sample (LCS) for preparation batch 885-49424 and analytical batch 885-49443 recovered outside control limits for the following analytes: Acenaphthylene and Naphthalene. These analytes were biased high in the LCS but were acceptable in the LCSD; therefore, the data have been reported.

Method 8270E: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 885-49424 and analytical batch 885-49443 recovered outside control limits for the following analytes: Benzo[a]anthracene and Benzo[b]fluoranthene.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Job ID: 885-49972-1 (Continued) Eurofins Albuquerque

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B: The continuing calibration blank (CCB) for analytical batch 860-330821 contained Manganese above the reporting limit (RL). All reported samples associated with this CCB contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-09
Date Collected: 05/21/26 12:48
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/26/26 21:05	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/26/26 21:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/26/26 21:05	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/26/26 21:05	1
1,1-Dichloroethane	ND		1.0		ug/L			05/26/26 21:05	1
1,1-Dichloroethene	ND		1.0		ug/L			05/26/26 21:05	1
1,1-Dichloropropene	ND		1.0		ug/L			05/26/26 21:05	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/26/26 21:05	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/26/26 21:05	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/26/26 21:05	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/26/26 21:05	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/26/26 21:05	1
Ethylene Dibromide	ND		1.0		ug/L			05/26/26 21:05	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/26/26 21:05	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/26/26 21:05	1
1,2-Dichloropropane	ND		1.0		ug/L			05/26/26 21:05	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/26/26 21:05	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/26/26 21:05	1
1,3-Dichloropropane	ND		1.0		ug/L			05/26/26 21:05	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/26/26 21:05	1
1-Methylnaphthalene	ND		4.0		ug/L			05/26/26 21:05	1
2,2-Dichloropropane	ND		2.0		ug/L			05/26/26 21:05	1
2-Butanone	ND		10		ug/L			05/26/26 21:05	1
2-Chlorotoluene	ND		1.0		ug/L			05/26/26 21:05	1
2-Hexanone	ND		10		ug/L			05/26/26 21:05	1
2-Methylnaphthalene	ND		4.0		ug/L			05/26/26 21:05	1
4-Chlorotoluene	ND		1.0		ug/L			05/26/26 21:05	1
4-Isopropyltoluene	ND		1.0		ug/L			05/26/26 21:05	1
4-Methyl-2-pentanone	ND		10		ug/L			05/26/26 21:05	1
Acetone	ND		10		ug/L			05/26/26 21:05	1
Benzene	ND		1.0		ug/L			05/26/26 21:05	1
Bromobenzene	ND		1.0		ug/L			05/26/26 21:05	1
Bromodichloromethane	ND		1.0		ug/L			05/26/26 21:05	1
Dibromochloromethane	ND		1.0		ug/L			05/26/26 21:05	1
Bromoform	ND		1.0		ug/L			05/26/26 21:05	1
Bromomethane	ND		3.0		ug/L			05/26/26 21:05	1
Carbon disulfide	ND		10		ug/L			05/26/26 21:05	1
Carbon tetrachloride	ND		1.0		ug/L			05/26/26 21:05	1
Chlorobenzene	ND		1.0		ug/L			05/26/26 21:05	1
Chloroethane	ND		2.0		ug/L			05/26/26 21:05	1
Chloroform	ND		1.0		ug/L			05/26/26 21:05	1
Chloromethane	ND		3.0		ug/L			05/26/26 21:05	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/26/26 21:05	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/26/26 21:05	1
Dibromomethane	ND		1.0		ug/L			05/26/26 21:05	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/26/26 21:05	1
Ethylbenzene	ND		1.0		ug/L			05/26/26 21:05	1
Hexachlorobutadiene	ND		1.0		ug/L			05/26/26 21:05	1
Isopropylbenzene	ND		1.0		ug/L			05/26/26 21:05	1

Client Sample ID: MW-EP-09
Date Collected: 05/21/26 12:48
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/26/26 21:05	1
Methylene Chloride	ND		2.5		ug/L			05/26/26 21:05	1
n-Butylbenzene	ND		3.0		ug/L			05/26/26 21:05	1
N-Propylbenzene	ND		1.0		ug/L			05/26/26 21:05	1
Naphthalene	ND		2.0		ug/L			05/26/26 21:05	1
sec-Butylbenzene	ND		1.0		ug/L			05/26/26 21:05	1
Styrene	ND		1.0		ug/L			05/26/26 21:05	1
tert-Butylbenzene	ND		1.0		ug/L			05/26/26 21:05	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/26/26 21:05	1
Toluene	ND		1.0		ug/L			05/26/26 21:05	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/26/26 21:05	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/26/26 21:05	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/26/26 21:05	1
Trichlorofluoromethane	ND		1.0		ug/L			05/26/26 21:05	1
Vinyl chloride	ND		1.0		ug/L			05/26/26 21:05	1
Xylenes, Total	ND		1.5		ug/L			05/26/26 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*05/26/26 21:05*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*05/26/26 21:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*05/26/26 21:05*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*05/26/26 21:05*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
2-Methylnaphthalene	ND		0.40		ug/L		05/26/26 15:24	05/28/26 05:15	1
Acenaphthene	ND		0.26		ug/L		05/26/26 15:24	05/28/26 05:15	1
Acenaphthylene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
Anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
Benzo[a]anthracene	ND	*1	0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
Benzo[a]pyrene	ND		0.035		ug/L		05/26/26 15:24	05/28/26 05:15	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
Benzo[b]fluoranthene	ND	*1	0.25		ug/L		05/26/26 15:24	05/28/26 05:15	1
Benzo[k]fluoranthene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
Chrysene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
Fluoranthene	ND		1.0		ug/L		05/26/26 15:24	05/28/26 05:15	1
Fluorene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 05:15	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
Naphthalene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 05:15	1
Phenanthrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 05:15	1
Pyrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*126*		*29 - 130*	*05/26/26 15:24*	*05/28/26 05:15*	*1*
2,4,6-Tribromophenol (Surr)	*123*		*15 - 130*	*05/26/26 15:24*	*05/28/26 05:15*	*1*
p-Terphenyl-d14 (Surr)	*48*		*41 - 130*	*05/26/26 15:24*	*05/28/26 05:15*	*1*
Phenol-d5 (Surr)	*56*		*15 - 130*	*05/26/26 15:24*	*05/28/26 05:15*	*1*
2-Fluorobiphenyl (Surr)	*113*		*20 - 130*	*05/26/26 15:24*	*05/28/26 05:15*	*1*

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-09
Date Collected: 05/21/26 12:48
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*79*		*15 - 130*	*05/26/26 15:24*	*05/28/26 05:15*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0093		ug/L		05/26/26 09:57	05/26/26 21:22	1
1,2-Dibromo-3-Chloropropane	ND		0.019		ug/L		05/26/26 09:57	05/26/26 21:22	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.020		mg/L		06/05/26 09:30	06/05/26 20:55	1
Arsenic	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 20:55	1
Beryllium	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 20:55	1
Cobalt	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 20:55	1
Iron	ND		0.020		mg/L		06/05/26 09:30	06/05/26 20:55	1
Manganese	**0.30**		0.0020		mg/L		06/05/26 09:30	06/05/26 20:55	1
Chromium	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 20:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		06/02/26 19:04	06/03/26 04:36	1

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-07
Date Collected: 05/21/26 13:41
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/27/26 13:05	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/26 13:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/27/26 13:05	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/26 13:05	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/26 13:05	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/26 13:05	1
1,1-Dichloropropene	ND		1.0		ug/L			05/27/26 13:05	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/27/26 13:05	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/27/26 13:05	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/27/26 13:05	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/26 13:05	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/27/26 13:05	1
Ethylene Dibromide	ND		1.0		ug/L			05/27/26 13:05	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/27/26 13:05	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/27/26 13:05	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/26 13:05	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/27/26 13:05	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/27/26 13:05	1
1,3-Dichloropropane	ND		1.0		ug/L			05/27/26 13:05	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/27/26 13:05	1
1-Methylnaphthalene	ND		4.0		ug/L			05/27/26 13:05	1
2,2-Dichloropropane	ND		2.0		ug/L			05/27/26 13:05	1
2-Butanone	ND		10		ug/L			05/27/26 13:05	1
2-Chlorotoluene	ND		1.0		ug/L			05/27/26 13:05	1
2-Hexanone	ND		10		ug/L			05/27/26 13:05	1
2-Methylnaphthalene	ND		4.0		ug/L			05/27/26 13:05	1
4-Chlorotoluene	ND		1.0		ug/L			05/27/26 13:05	1
4-Isopropyltoluene	ND		1.0		ug/L			05/27/26 13:05	1
4-Methyl-2-pentanone	ND		10		ug/L			05/27/26 13:05	1
Acetone	ND		10		ug/L			05/27/26 13:05	1
Benzene	ND		1.0		ug/L			05/27/26 13:05	1
Bromobenzene	ND		1.0		ug/L			05/27/26 13:05	1
Bromodichloromethane	ND		1.0		ug/L			05/27/26 13:05	1
Dibromochloromethane	ND		1.0		ug/L			05/27/26 13:05	1
Bromoform	ND		1.0		ug/L			05/27/26 13:05	1
Bromomethane	ND		3.0		ug/L			05/27/26 13:05	1
Carbon disulfide	ND		10		ug/L			05/27/26 13:05	1
Carbon tetrachloride	ND		1.0		ug/L			05/27/26 13:05	1
Chlorobenzene	ND		1.0		ug/L			05/27/26 13:05	1
Chloroethane	ND		2.0		ug/L			05/27/26 13:05	1
Chloroform	ND		1.0		ug/L			05/27/26 13:05	1
Chloromethane	ND		3.0		ug/L			05/27/26 13:05	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 13:05	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 13:05	1
Dibromomethane	ND		1.0		ug/L			05/27/26 13:05	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/27/26 13:05	1
Ethylbenzene	ND		1.0		ug/L			05/27/26 13:05	1
Hexachlorobutadiene	ND		1.0		ug/L			05/27/26 13:05	1
Isopropylbenzene	ND		1.0		ug/L			05/27/26 13:05	1

Client Sample ID: MW-EP-07
Date Collected: 05/21/26 13:41
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/27/26 13:05	1
Methylene Chloride	ND		2.5		ug/L			05/27/26 13:05	1
n-Butylbenzene	ND		3.0		ug/L			05/27/26 13:05	1
N-Propylbenzene	ND		1.0		ug/L			05/27/26 13:05	1
Naphthalene	ND		2.0		ug/L			05/27/26 13:05	1
sec-Butylbenzene	ND		1.0		ug/L			05/27/26 13:05	1
Styrene	ND		1.0		ug/L			05/27/26 13:05	1
tert-Butylbenzene	ND		1.0		ug/L			05/27/26 13:05	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/27/26 13:05	1
Toluene	ND		1.0		ug/L			05/27/26 13:05	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 13:05	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 13:05	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/27/26 13:05	1
Trichlorofluoromethane	ND		1.0		ug/L			05/27/26 13:05	1
Vinyl chloride	ND		1.0		ug/L			05/27/26 13:05	1
Xylenes, Total	ND		1.5		ug/L			05/27/26 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*05/27/26 13:05*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*05/27/26 13:05*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*05/27/26 13:05*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*05/27/26 13:05*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**3.3**		0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
2-Methylnaphthalene	ND		0.40		ug/L		05/26/26 15:24	05/28/26 05:50	1
Acenaphthene	**0.65**		0.26		ug/L		05/26/26 15:24	05/28/26 05:50	1
Acenaphthylene	**0.38**	*+	0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
Anthracene	**0.26**		0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
Benzo[a]anthracene	**0.21**	*1	0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
Benzo[a]pyrene	**0.042**		0.035		ug/L		05/26/26 15:24	05/28/26 05:50	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
Benzo[b]fluoranthene	ND	*1	0.25		ug/L		05/26/26 15:24	05/28/26 05:50	1
Benzo[k]fluoranthene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
Chrysene	**0.40**		0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
Fluoranthene	ND		1.0		ug/L		05/26/26 15:24	05/28/26 05:50	1
Fluorene	**1.4**		0.50		ug/L		05/26/26 15:24	05/28/26 05:50	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
Naphthalene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 05:50	1
Phenanthrene	**0.68**		0.50		ug/L		05/26/26 15:24	05/28/26 05:50	1
Pyrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*130*		*29 - 130*	*05/26/26 15:24*	*05/28/26 05:50*	*1*
2,4,6-Tribromophenol (Surr)	*116*		*15 - 130*	*05/26/26 15:24*	*05/28/26 05:50*	*1*
p-Terphenyl-d14 (Surr)	*49*		*41 - 130*	*05/26/26 15:24*	*05/28/26 05:50*	*1*
Phenol-d5 (Surr)	*52*		*15 - 130*	*05/26/26 15:24*	*05/28/26 05:50*	*1*
2-Fluorobiphenyl (Surr)	*89*		*20 - 130*	*05/26/26 15:24*	*05/28/26 05:50*	*1*

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-07
Date Collected: 05/21/26 13:41
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*77*		*15 - 130*	*05/26/26 15:24*	*05/28/26 05:50*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0093		ug/L		05/26/26 09:57	05/26/26 21:36	1
1,2-Dibromo-3-Chloropropane	ND		0.019		ug/L		05/26/26 09:57	05/26/26 21:36	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.020		mg/L		06/05/26 09:30	06/05/26 20:57	1
Arsenic	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 20:57	1
Beryllium	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 20:57	1
Cobalt	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 20:57	1
Iron	ND		0.020		mg/L		06/05/26 09:30	06/05/26 20:57	1
Manganese	**0.41**		0.0020		mg/L		06/05/26 09:30	06/05/26 20:57	1
Chromium	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 20:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		06/02/26 19:04	06/03/26 04:37	1

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-04
Date Collected: 05/21/26 14:36
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/27/26 13:32	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/26 13:32	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/27/26 13:32	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/26 13:32	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/26 13:32	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/26 13:32	1
1,1-Dichloropropene	ND		1.0		ug/L			05/27/26 13:32	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/27/26 13:32	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/27/26 13:32	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/27/26 13:32	1
1,2,4-Trimethylbenzene	**10**		1.0		ug/L			05/27/26 13:32	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/27/26 13:32	1
Ethylene Dibromide	ND		1.0		ug/L			05/27/26 13:32	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/27/26 13:32	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/27/26 13:32	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/26 13:32	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/27/26 13:32	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/27/26 13:32	1
1,3-Dichloropropane	ND		1.0		ug/L			05/27/26 13:32	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/27/26 13:32	1
1-Methylnaphthalene	**21**		4.0		ug/L			05/27/26 13:32	1
2,2-Dichloropropane	ND		2.0		ug/L			05/27/26 13:32	1
2-Butanone	ND		10		ug/L			05/27/26 13:32	1
2-Chlorotoluene	ND		1.0		ug/L			05/27/26 13:32	1
2-Hexanone	ND		10		ug/L			05/27/26 13:32	1
2-Methylnaphthalene	**18**		4.0		ug/L			05/27/26 13:32	1
4-Chlorotoluene	ND		1.0		ug/L			05/27/26 13:32	1
4-Isopropyltoluene	**1.1**		1.0		ug/L			05/27/26 13:32	1
4-Methyl-2-pentanone	ND		10		ug/L			05/27/26 13:32	1
Acetone	ND		10		ug/L			05/27/26 13:32	1
Benzene	ND		1.0		ug/L			05/27/26 13:32	1
Bromobenzene	ND		1.0		ug/L			05/27/26 13:32	1
Bromodichloromethane	ND		1.0		ug/L			05/27/26 13:32	1
Dibromochloromethane	ND		1.0		ug/L			05/27/26 13:32	1
Bromoform	ND		1.0		ug/L			05/27/26 13:32	1
Bromomethane	ND		3.0		ug/L			05/27/26 13:32	1
Carbon disulfide	ND		10		ug/L			05/27/26 13:32	1
Carbon tetrachloride	ND		1.0		ug/L			05/27/26 13:32	1
Chlorobenzene	ND		1.0		ug/L			05/27/26 13:32	1
Chloroethane	ND		2.0		ug/L			05/27/26 13:32	1
Chloroform	ND		1.0		ug/L			05/27/26 13:32	1
Chloromethane	ND		3.0		ug/L			05/27/26 13:32	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 13:32	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 13:32	1
Dibromomethane	ND		1.0		ug/L			05/27/26 13:32	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/27/26 13:32	1
Ethylbenzene	**1.0**		1.0		ug/L			05/27/26 13:32	1
Hexachlorobutadiene	ND		1.0		ug/L			05/27/26 13:32	1
Isopropylbenzene	**1.5**		1.0		ug/L			05/27/26 13:32	1

Client Sample ID: MW-EP-04
Date Collected: 05/21/26 14:36
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/27/26 13:32	1
Methylene Chloride	ND		2.5		ug/L			05/27/26 13:32	1
n-Butylbenzene	ND		3.0		ug/L			05/27/26 13:32	1
N-Propylbenzene	**2.4**		1.0		ug/L			05/27/26 13:32	1
Naphthalene	**14**		2.0		ug/L			05/27/26 13:32	1
sec-Butylbenzene	ND		1.0		ug/L			05/27/26 13:32	1
Styrene	ND		1.0		ug/L			05/27/26 13:32	1
tert-Butylbenzene	ND		1.0		ug/L			05/27/26 13:32	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/27/26 13:32	1
Toluene	ND		1.0		ug/L			05/27/26 13:32	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 13:32	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 13:32	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/27/26 13:32	1
Trichlorofluoromethane	ND		1.0		ug/L			05/27/26 13:32	1
Vinyl chloride	ND		1.0		ug/L			05/27/26 13:32	1
Xylenes, Total	ND		1.5		ug/L			05/27/26 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*05/27/26 13:32*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*05/27/26 13:32*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*05/27/26 13:32*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*05/27/26 13:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**11**		0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
2-Methylnaphthalene	ND		0.40		ug/L		05/26/26 15:24	05/28/26 06:24	1
Acenaphthene	**0.55**		0.26		ug/L		05/26/26 15:24	05/28/26 06:24	1
Acenaphthylene	**0.50**	***+**	0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
Anthracene	**0.38**		0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
Benzo[a]anthracene	**0.36**	***1**	0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
Benzo[a]pyrene	**0.097**		0.035		ug/L		05/26/26 15:24	05/28/26 06:24	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
Benzo[b]fluoranthene	ND	*1	0.25		ug/L		05/26/26 15:24	05/28/26 06:24	1
Benzo[k]fluoranthene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
Chrysene	**0.62**		0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
Fluoranthene	ND		1.0		ug/L		05/26/26 15:24	05/28/26 06:24	1
Fluorene	**3.3**		0.50		ug/L		05/26/26 15:24	05/28/26 06:24	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
Naphthalene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 06:24	1
Phenanthrene	**1.4**		0.50		ug/L		05/26/26 15:24	05/28/26 06:24	1
Pyrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*161*	*S1+*	*29 - 130*	*05/26/26 15:24*	*05/28/26 06:24*	*1*
2,4,6-Tribromophenol (Surr)	*134*	*S1+*	*15 - 130*	*05/26/26 15:24*	*05/28/26 06:24*	*1*
p-Terphenyl-d14 (Surr)	*80*		*41 - 130*	*05/26/26 15:24*	*05/28/26 06:24*	*1*
Phenol-d5 (Surr)	*52*		*15 - 130*	*05/26/26 15:24*	*05/28/26 06:24*	*1*
2-Fluorobiphenyl (Surr)	*102*		*20 - 130*	*05/26/26 15:24*	*05/28/26 06:24*	*1*

Client Sample ID: MW-EP-04
Date Collected: 05/21/26 14:36
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*73*		*15 - 130*	*05/26/26 15:24*	*05/28/26 06:24*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0093		ug/L		05/26/26 09:57	05/26/26 21:51	1
1,2-Dibromo-3-Chloropropane	ND		0.019		ug/L		05/26/26 09:57	05/26/26 21:51	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:00	1
Arsenic	**0.0058**		0.0040		mg/L		06/05/26 09:30	06/05/26 21:00	1
Beryllium	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:00	1
Cobalt	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:00	1
Iron	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:00	1
Manganese	**1.5**		0.010		mg/L		06/05/26 09:30	06/05/26 21:03	5
Chromium	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		06/02/26 19:04	06/03/26 04:39	1

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-04-DUP
Date Collected: 05/21/26 14:36
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/27/26 14:00	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/26 14:00	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/27/26 14:00	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/26 14:00	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/26 14:00	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/26 14:00	1
1,1-Dichloropropene	ND		1.0		ug/L			05/27/26 14:00	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/27/26 14:00	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/27/26 14:00	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/27/26 14:00	1
1,2,4-Trimethylbenzene	**12**		1.0		ug/L			05/27/26 14:00	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/27/26 14:00	1
Ethylene Dibromide	ND		1.0		ug/L			05/27/26 14:00	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/27/26 14:00	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/27/26 14:00	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/26 14:00	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/27/26 14:00	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/27/26 14:00	1
1,3-Dichloropropane	ND		1.0		ug/L			05/27/26 14:00	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/27/26 14:00	1
1-Methylnaphthalene	**27**		4.0		ug/L			05/27/26 14:00	1
2,2-Dichloropropane	ND		2.0		ug/L			05/27/26 14:00	1
2-Butanone	ND		10		ug/L			05/27/26 14:00	1
2-Chlorotoluene	ND		1.0		ug/L			05/27/26 14:00	1
2-Hexanone	ND		10		ug/L			05/27/26 14:00	1
2-Methylnaphthalene	**23**		4.0		ug/L			05/27/26 14:00	1
4-Chlorotoluene	ND		1.0		ug/L			05/27/26 14:00	1
4-Isopropyltoluene	**1.2**		1.0		ug/L			05/27/26 14:00	1
4-Methyl-2-pentanone	ND		10		ug/L			05/27/26 14:00	1
Acetone	ND		10		ug/L			05/27/26 14:00	1
Benzene	ND		1.0		ug/L			05/27/26 14:00	1
Bromobenzene	ND		1.0		ug/L			05/27/26 14:00	1
Bromodichloromethane	ND		1.0		ug/L			05/27/26 14:00	1
Dibromochloromethane	ND		1.0		ug/L			05/27/26 14:00	1
Bromoform	ND		1.0		ug/L			05/27/26 14:00	1
Bromomethane	ND		3.0		ug/L			05/27/26 14:00	1
Carbon disulfide	ND		10		ug/L			05/27/26 14:00	1
Carbon tetrachloride	ND		1.0		ug/L			05/27/26 14:00	1
Chlorobenzene	ND		1.0		ug/L			05/27/26 14:00	1
Chloroethane	ND		2.0		ug/L			05/27/26 14:00	1
Chloroform	ND		1.0		ug/L			05/27/26 14:00	1
Chloromethane	ND		3.0		ug/L			05/27/26 14:00	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 14:00	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 14:00	1
Dibromomethane	ND		1.0		ug/L			05/27/26 14:00	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/27/26 14:00	1
Ethylbenzene	**1.5**		1.0		ug/L			05/27/26 14:00	1
Hexachlorobutadiene	ND		1.0		ug/L			05/27/26 14:00	1
Isopropylbenzene	**1.9**		1.0		ug/L			05/27/26 14:00	1

Client Sample ID: MW-EP-04-DUP
Date Collected: 05/21/26 14:36
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/27/26 14:00	1
Methylene Chloride	ND		2.5		ug/L			05/27/26 14:00	1
n-Butylbenzene	ND		3.0		ug/L			05/27/26 14:00	1
N-Propylbenzene	**2.9**		1.0		ug/L			05/27/26 14:00	1
Naphthalene	**19**		2.0		ug/L			05/27/26 14:00	1
sec-Butylbenzene	**1.1**		1.0		ug/L			05/27/26 14:00	1
Styrene	ND		1.0		ug/L			05/27/26 14:00	1
tert-Butylbenzene	ND		1.0		ug/L			05/27/26 14:00	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/27/26 14:00	1
Toluene	ND		1.0		ug/L			05/27/26 14:00	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 14:00	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 14:00	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/27/26 14:00	1
Trichlorofluoromethane	ND		1.0		ug/L			05/27/26 14:00	1
Vinyl chloride	ND		1.0		ug/L			05/27/26 14:00	1
Xylenes, Total	ND		1.5		ug/L			05/27/26 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*05/27/26 14:00*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*05/27/26 14:00*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*05/27/26 14:00*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*05/27/26 14:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**5.5**		0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
2-Methylnaphthalene	**2.5**		0.40		ug/L		05/26/26 15:24	05/28/26 06:59	1
Acenaphthene	**0.42**		0.26		ug/L		05/26/26 15:24	05/28/26 06:59	1
Acenaphthylene	**0.39**	***+**	0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
Anthracene	**0.25**		0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
Benzo[a]anthracene	**0.37**	***1**	0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
Benzo[a]pyrene	**0.084**		0.035		ug/L		05/26/26 15:24	05/28/26 06:59	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
Benzo[b]fluoranthene	ND	*1	0.25		ug/L		05/26/26 15:24	05/28/26 06:59	1
Benzo[k]fluoranthene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
Chrysene	**0.67**		0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
Fluoranthene	ND		1.0		ug/L		05/26/26 15:24	05/28/26 06:59	1
Fluorene	**2.4**		0.50		ug/L		05/26/26 15:24	05/28/26 06:59	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
Naphthalene	**1.5**	***+**	0.20		ug/L		05/26/26 15:24	05/28/26 06:59	1
Phenanthrene	**1.1**		0.50		ug/L		05/26/26 15:24	05/28/26 06:59	1
Pyrene	**0.50**		0.50		ug/L		05/26/26 15:24	05/28/26 06:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*132*	*S1+*	*29 - 130*	*05/26/26 15:24*	*05/28/26 06:59*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*15 - 130*	*05/26/26 15:24*	*05/28/26 06:59*	*1*
p-Terphenyl-d14 (Surr)	*45*		*41 - 130*	*05/26/26 15:24*	*05/28/26 06:59*	*1*
Phenol-d5 (Surr)	*57*		*15 - 130*	*05/26/26 15:24*	*05/28/26 06:59*	*1*
2-Fluorobiphenyl (Surr)	*88*		*20 - 130*	*05/26/26 15:24*	*05/28/26 06:59*	*1*

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-04-DUP

Lab Sample ID: 885-49972-4

Date Collected: 05/21/26 14:36

Matrix: Water

Date Received: 05/22/26 09:27

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*56*		*15 - 130*	*05/26/26 15:24*	*05/28/26 06:59*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0092		ug/L		05/26/26 09:57	05/26/26 22:06	1
1,2-Dibromo-3-Chloropropane	ND		0.018		ug/L		05/26/26 09:57	05/26/26 22:06	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:05	1
Arsenic	**0.0057**		0.0040		mg/L		06/05/26 09:30	06/05/26 21:05	1
Beryllium	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:05	1
Cobalt	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:05	1
Iron	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:05	1
Manganese	**1.4**		0.010		mg/L		06/05/26 09:30	06/05/26 21:08	5
Chromium	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		06/02/26 19:04	06/03/26 04:40	1

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-08
Date Collected: 05/21/26 15:51
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/27/26 14:27	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/26 14:27	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/27/26 14:27	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/26 14:27	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/26 14:27	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/26 14:27	1
1,1-Dichloropropene	ND		1.0		ug/L			05/27/26 14:27	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/27/26 14:27	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/27/26 14:27	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/27/26 14:27	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/26 14:27	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/27/26 14:27	1
Ethylene Dibromide	ND		1.0		ug/L			05/27/26 14:27	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/27/26 14:27	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/27/26 14:27	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/26 14:27	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/27/26 14:27	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/27/26 14:27	1
1,3-Dichloropropane	ND		1.0		ug/L			05/27/26 14:27	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/27/26 14:27	1
1-Methylnaphthalene	ND		4.0		ug/L			05/27/26 14:27	1
2,2-Dichloropropane	ND		2.0		ug/L			05/27/26 14:27	1
2-Butanone	ND		10		ug/L			05/27/26 14:27	1
2-Chlorotoluene	ND		1.0		ug/L			05/27/26 14:27	1
2-Hexanone	ND		10		ug/L			05/27/26 14:27	1
2-Methylnaphthalene	ND		4.0		ug/L			05/27/26 14:27	1
4-Chlorotoluene	ND		1.0		ug/L			05/27/26 14:27	1
4-Isopropyltoluene	ND		1.0		ug/L			05/27/26 14:27	1
4-Methyl-2-pentanone	ND		10		ug/L			05/27/26 14:27	1
Acetone	ND		10		ug/L			05/27/26 14:27	1
Benzene	ND		1.0		ug/L			05/27/26 14:27	1
Bromobenzene	ND		1.0		ug/L			05/27/26 14:27	1
Bromodichloromethane	ND		1.0		ug/L			05/27/26 14:27	1
Dibromochloromethane	ND		1.0		ug/L			05/27/26 14:27	1
Bromoform	ND		1.0		ug/L			05/27/26 14:27	1
Bromomethane	ND		3.0		ug/L			05/27/26 14:27	1
Carbon disulfide	ND		10		ug/L			05/27/26 14:27	1
Carbon tetrachloride	ND		1.0		ug/L			05/27/26 14:27	1
Chlorobenzene	ND		1.0		ug/L			05/27/26 14:27	1
Chloroethane	ND		2.0		ug/L			05/27/26 14:27	1
Chloroform	ND		1.0		ug/L			05/27/26 14:27	1
Chloromethane	ND		3.0		ug/L			05/27/26 14:27	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 14:27	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 14:27	1
Dibromomethane	ND		1.0		ug/L			05/27/26 14:27	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/27/26 14:27	1
Ethylbenzene	ND		1.0		ug/L			05/27/26 14:27	1
Hexachlorobutadiene	ND		1.0		ug/L			05/27/26 14:27	1
Isopropylbenzene	ND		1.0		ug/L			05/27/26 14:27	1

Client Sample ID: MW-EP-08
Date Collected: 05/21/26 15:51
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/27/26 14:27	1
Methylene Chloride	ND		2.5		ug/L			05/27/26 14:27	1
n-Butylbenzene	ND		3.0		ug/L			05/27/26 14:27	1
N-Propylbenzene	ND		1.0		ug/L			05/27/26 14:27	1
Naphthalene	ND		2.0		ug/L			05/27/26 14:27	1
sec-Butylbenzene	ND		1.0		ug/L			05/27/26 14:27	1
Styrene	ND		1.0		ug/L			05/27/26 14:27	1
tert-Butylbenzene	ND		1.0		ug/L			05/27/26 14:27	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/27/26 14:27	1
Toluene	ND		1.0		ug/L			05/27/26 14:27	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 14:27	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 14:27	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/27/26 14:27	1
Trichlorofluoromethane	ND		1.0		ug/L			05/27/26 14:27	1
Vinyl chloride	ND		1.0		ug/L			05/27/26 14:27	1
Xylenes, Total	ND		1.5		ug/L			05/27/26 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*05/27/26 14:27*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*05/27/26 14:27*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*05/27/26 14:27*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*05/27/26 14:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**3.2**		0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
2-Methylnaphthalene	**4.0**		0.40		ug/L		05/26/26 15:24	05/28/26 07:33	1
Acenaphthene	ND		0.26		ug/L		05/26/26 15:24	05/28/26 07:33	1
Acenaphthylene	**0.30**	*+	0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
Anthracene	**0.30**		0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
Benzo[a]anthracene	**0.47**	*1	0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
Benzo[a]pyrene	**0.10**		0.035		ug/L		05/26/26 15:24	05/28/26 07:33	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
Benzo[b]fluoranthene	ND	*1	0.25		ug/L		05/26/26 15:24	05/28/26 07:33	1
Benzo[k]fluoranthene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
Chrysene	**0.77**		0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
Fluoranthene	ND		1.0		ug/L		05/26/26 15:24	05/28/26 07:33	1
Fluorene	**2.4**		0.50		ug/L		05/26/26 15:24	05/28/26 07:33	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
Naphthalene	**1.2**	*+	0.20		ug/L		05/26/26 15:24	05/28/26 07:33	1
Phenanthrene	**2.7**		0.50		ug/L		05/26/26 15:24	05/28/26 07:33	1
Pyrene	**0.71**		0.50		ug/L		05/26/26 15:24	05/28/26 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*171*	*S1+*	*29 - 130*	*05/26/26 15:24*	*05/28/26 07:33*	*1*
2,4,6-Tribromophenol (Surr)	*1*	*S1-*	*15 - 130*	*05/26/26 15:24*	*05/28/26 07:33*	*1*
p-Terphenyl-d14 (Surr)	*66*		*41 - 130*	*05/26/26 15:24*	*05/28/26 07:33*	*1*
Phenol-d5 (Surr)	*3*	*S1-*	*15 - 130*	*05/26/26 15:24*	*05/28/26 07:33*	*1*
2-Fluorobiphenyl (Surr)	*113*		*20 - 130*	*05/26/26 15:24*	*05/28/26 07:33*	*1*

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-08

Date Collected: 05/21/26 15:51
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*0.5*	*S1-*	*15 - 130*	*05/26/26 15:24*	*05/28/26 07:33*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0093		ug/L		05/26/26 09:57	05/26/26 22:20	1
1,2-Dibromo-3-Chloropropane	ND		0.019		ug/L		05/26/26 09:57	05/26/26 22:20	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.16**		0.020		mg/L		06/05/26 09:30	06/05/26 21:11	1
Arsenic	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:11	1
Beryllium	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:11	1
Cobalt	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:11	1
Iron	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:11	1
Manganese	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:11	1
Chromium	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		06/02/26 19:04	06/03/26 04:41	1

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-10
Date Collected: 05/21/26 16:41
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/26/26 23:22	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/26/26 23:22	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/26/26 23:22	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/26/26 23:22	1
1,1-Dichloroethane	ND		1.0		ug/L			05/26/26 23:22	1
1,1-Dichloroethene	ND		1.0		ug/L			05/26/26 23:22	1
1,1-Dichloropropene	ND		1.0		ug/L			05/26/26 23:22	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/26/26 23:22	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/26/26 23:22	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/26/26 23:22	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/26/26 23:22	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/26/26 23:22	1
Ethylene Dibromide	ND		1.0		ug/L			05/26/26 23:22	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/26/26 23:22	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/26/26 23:22	1
1,2-Dichloropropane	ND		1.0		ug/L			05/26/26 23:22	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/26/26 23:22	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/26/26 23:22	1
1,3-Dichloropropane	ND		1.0		ug/L			05/26/26 23:22	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/26/26 23:22	1
1-Methylnaphthalene	**5.5**		4.0		ug/L			05/26/26 23:22	1
2,2-Dichloropropane	ND		2.0		ug/L			05/26/26 23:22	1
2-Butanone	ND		10		ug/L			05/26/26 23:22	1
2-Chlorotoluene	ND		1.0		ug/L			05/26/26 23:22	1
2-Hexanone	ND		10		ug/L			05/26/26 23:22	1
2-Methylnaphthalene	ND		4.0		ug/L			05/26/26 23:22	1
4-Chlorotoluene	ND		1.0		ug/L			05/26/26 23:22	1
4-Isopropyltoluene	ND		1.0		ug/L			05/26/26 23:22	1
4-Methyl-2-pentanone	ND		10		ug/L			05/26/26 23:22	1
Acetone	ND		10		ug/L			05/26/26 23:22	1
Benzene	ND		1.0		ug/L			05/26/26 23:22	1
Bromobenzene	ND		1.0		ug/L			05/26/26 23:22	1
Bromodichloromethane	ND		1.0		ug/L			05/26/26 23:22	1
Dibromochloromethane	ND		1.0		ug/L			05/26/26 23:22	1
Bromoform	ND		1.0		ug/L			05/26/26 23:22	1
Bromomethane	ND		3.0		ug/L			05/26/26 23:22	1
Carbon disulfide	ND		10		ug/L			05/26/26 23:22	1
Carbon tetrachloride	ND		1.0		ug/L			05/26/26 23:22	1
Chlorobenzene	ND		1.0		ug/L			05/26/26 23:22	1
Chloroethane	ND		2.0		ug/L			05/26/26 23:22	1
Chloroform	ND		1.0		ug/L			05/26/26 23:22	1
Chloromethane	ND		3.0		ug/L			05/26/26 23:22	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/26/26 23:22	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/26/26 23:22	1
Dibromomethane	ND		1.0		ug/L			05/26/26 23:22	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/26/26 23:22	1
Ethylbenzene	ND		1.0		ug/L			05/26/26 23:22	1
Hexachlorobutadiene	ND		1.0		ug/L			05/26/26 23:22	1
Isopropylbenzene	ND		1.0		ug/L			05/26/26 23:22	1

Client Sample ID: MW-EP-10
Date Collected: 05/21/26 16:41
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/26/26 23:22	1
Methylene Chloride	ND		2.5		ug/L			05/26/26 23:22	1
n-Butylbenzene	ND		3.0		ug/L			05/26/26 23:22	1
N-Propylbenzene	ND		1.0		ug/L			05/26/26 23:22	1
Naphthalene	ND		2.0		ug/L			05/26/26 23:22	1
sec-Butylbenzene	ND		1.0		ug/L			05/26/26 23:22	1
Styrene	ND		1.0		ug/L			05/26/26 23:22	1
tert-Butylbenzene	ND		1.0		ug/L			05/26/26 23:22	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/26/26 23:22	1
Toluene	ND		1.0		ug/L			05/26/26 23:22	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/26/26 23:22	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/26/26 23:22	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/26/26 23:22	1
Trichlorofluoromethane	ND		1.0		ug/L			05/26/26 23:22	1
Vinyl chloride	ND		1.0		ug/L			05/26/26 23:22	1
Xylenes, Total	ND		1.5		ug/L			05/26/26 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*05/26/26 23:22*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*05/26/26 23:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*05/26/26 23:22*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*05/26/26 23:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.84**		0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
2-Methylnaphthalene	ND		0.40		ug/L		05/26/26 15:24	05/28/26 08:07	1
Acenaphthene	ND		0.26		ug/L		05/26/26 15:24	05/28/26 08:07	1
Acenaphthylene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
Anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
Benzo[a]anthracene	ND	*1	0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
Benzo[a]pyrene	ND		0.035		ug/L		05/26/26 15:24	05/28/26 08:07	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
Benzo[b]fluoranthene	ND	*1	0.25		ug/L		05/26/26 15:24	05/28/26 08:07	1
Benzo[k]fluoranthene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
Chrysene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
Fluoranthene	ND		1.0		ug/L		05/26/26 15:24	05/28/26 08:07	1
Fluorene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 08:07	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
Naphthalene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 08:07	1
Phenanthrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 08:07	1
Pyrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 08:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*149*	*S1+*	*29 - 130*	*05/26/26 15:24*	*05/28/26 08:07*	*1*
2,4,6-Tribromophenol (Surr)	*123*		*15 - 130*	*05/26/26 15:24*	*05/28/26 08:07*	*1*
p-Terphenyl-d14 (Surr)	*53*		*41 - 130*	*05/26/26 15:24*	*05/28/26 08:07*	*1*
Phenol-d5 (Surr)	*57*		*15 - 130*	*05/26/26 15:24*	*05/28/26 08:07*	*1*
2-Fluorobiphenyl (Surr)	*98*		*20 - 130*	*05/26/26 15:24*	*05/28/26 08:07*	*1*

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-10
Date Collected: 05/21/26 16:41
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*82*		*15 - 130*	*05/26/26 15:24*	*05/28/26 08:07*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0092		ug/L		05/26/26 09:57	05/26/26 22:35	1
1,2-Dibromo-3-Chloropropane	ND		0.018		ug/L		05/26/26 09:57	05/26/26 22:35	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:18	1
Arsenic	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:18	1
Beryllium	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:18	1
Cobalt	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:18	1
Iron	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:18	1
Manganese	**2.9**	**^2**	0.010		mg/L		06/05/26 09:30	06/05/26 21:21	5
Chromium	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		06/02/26 19:04	06/03/26 04:43	1

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-06
Date Collected: 05/21/26 17:36
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-7
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/27/26 14:55	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/26 14:55	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/27/26 14:55	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/26 14:55	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/26 14:55	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/26 14:55	1
1,1-Dichloropropene	ND		1.0		ug/L			05/27/26 14:55	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/27/26 14:55	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/27/26 14:55	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/27/26 14:55	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/26 14:55	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/27/26 14:55	1
Ethylene Dibromide	ND		1.0		ug/L			05/27/26 14:55	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/27/26 14:55	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/27/26 14:55	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/26 14:55	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/27/26 14:55	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/27/26 14:55	1
1,3-Dichloropropane	ND		1.0		ug/L			05/27/26 14:55	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/27/26 14:55	1
1-Methylnaphthalene	ND		4.0		ug/L			05/27/26 14:55	1
2,2-Dichloropropane	ND		2.0		ug/L			05/27/26 14:55	1
2-Butanone	ND		10		ug/L			05/27/26 14:55	1
2-Chlorotoluene	ND		1.0		ug/L			05/27/26 14:55	1
2-Hexanone	ND		10		ug/L			05/27/26 14:55	1
2-Methylnaphthalene	ND		4.0		ug/L			05/27/26 14:55	1
4-Chlorotoluene	ND		1.0		ug/L			05/27/26 14:55	1
4-Isopropyltoluene	ND		1.0		ug/L			05/27/26 14:55	1
4-Methyl-2-pentanone	ND		10		ug/L			05/27/26 14:55	1
Acetone	ND		10		ug/L			05/27/26 14:55	1
Benzene	ND		1.0		ug/L			05/27/26 14:55	1
Bromobenzene	ND		1.0		ug/L			05/27/26 14:55	1
Bromodichloromethane	ND		1.0		ug/L			05/27/26 14:55	1
Dibromochloromethane	ND		1.0		ug/L			05/27/26 14:55	1
Bromoform	ND		1.0		ug/L			05/27/26 14:55	1
Bromomethane	ND		3.0		ug/L			05/27/26 14:55	1
Carbon disulfide	ND		10		ug/L			05/27/26 14:55	1
Carbon tetrachloride	ND		1.0		ug/L			05/27/26 14:55	1
Chlorobenzene	ND		1.0		ug/L			05/27/26 14:55	1
Chloroethane	ND		2.0		ug/L			05/27/26 14:55	1
Chloroform	ND		1.0		ug/L			05/27/26 14:55	1
Chloromethane	ND		3.0		ug/L			05/27/26 14:55	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 14:55	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 14:55	1
Dibromomethane	ND		1.0		ug/L			05/27/26 14:55	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/27/26 14:55	1
Ethylbenzene	ND		1.0		ug/L			05/27/26 14:55	1
Hexachlorobutadiene	ND		1.0		ug/L			05/27/26 14:55	1
Isopropylbenzene	ND		1.0		ug/L			05/27/26 14:55	1

Client Sample ID: MW-EP-06
Date Collected: 05/21/26 17:36
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-7
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/27/26 14:55	1
Methylene Chloride	ND		2.5		ug/L			05/27/26 14:55	1
n-Butylbenzene	ND		3.0		ug/L			05/27/26 14:55	1
N-Propylbenzene	ND		1.0		ug/L			05/27/26 14:55	1
Naphthalene	ND		2.0		ug/L			05/27/26 14:55	1
sec-Butylbenzene	ND		1.0		ug/L			05/27/26 14:55	1
Styrene	ND		1.0		ug/L			05/27/26 14:55	1
tert-Butylbenzene	ND		1.0		ug/L			05/27/26 14:55	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/27/26 14:55	1
Toluene	ND		1.0		ug/L			05/27/26 14:55	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 14:55	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 14:55	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/27/26 14:55	1
Trichlorofluoromethane	ND		1.0		ug/L			05/27/26 14:55	1
Vinyl chloride	ND		1.0		ug/L			05/27/26 14:55	1
Xylenes, Total	ND		1.5		ug/L			05/27/26 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*05/27/26 14:55*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*05/27/26 14:55*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*05/27/26 14:55*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*05/27/26 14:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.37**		0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
2-Methylnaphthalene	ND		0.40		ug/L		05/26/26 15:24	05/28/26 08:41	1
Acenaphthene	ND		0.26		ug/L		05/26/26 15:24	05/28/26 08:41	1
Acenaphthylene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
Anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
Benzo[a]anthracene	ND	*1	0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
Benzo[a]pyrene	ND		0.035		ug/L		05/26/26 15:24	05/28/26 08:41	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
Benzo[b]fluoranthene	ND	*1	0.25		ug/L		05/26/26 15:24	05/28/26 08:41	1
Benzo[k]fluoranthene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
Chrysene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
Fluoranthene	ND		1.0		ug/L		05/26/26 15:24	05/28/26 08:41	1
Fluorene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 08:41	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
Naphthalene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 08:41	1
Phenanthrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 08:41	1
Pyrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*114*		*29 - 130*	*05/26/26 15:24*	*05/28/26 08:41*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*15 - 130*	*05/26/26 15:24*	*05/28/26 08:41*	*1*
p-Terphenyl-d14 (Surr)	*33*	*S1-*	*41 - 130*	*05/26/26 15:24*	*05/28/26 08:41*	*1*
Phenol-d5 (Surr)	*63*		*15 - 130*	*05/26/26 15:24*	*05/28/26 08:41*	*1*
2-Fluorobiphenyl (Surr)	*79*		*20 - 130*	*05/26/26 15:24*	*05/28/26 08:41*	*1*

Client Sample ID: MW-EP-06
Date Collected: 05/21/26 17:36
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*80*		*15 - 130*	*05/26/26 15:24*	*05/28/26 08:41*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0092		ug/L		05/26/26 09:57	05/26/26 22:49	1
1,2-Dibromo-3-Chloropropane	ND		0.018		ug/L		05/26/26 09:57	05/26/26 22:49	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:24	1
Arsenic	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:24	1
Beryllium	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:24	1
Cobalt	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:24	1
Iron	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:24	1
Manganese	**2.8**	**^+ ^2**	0.010		mg/L		06/05/26 09:30	06/05/26 21:27	5
Chromium	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		06/02/26 19:04	06/03/26 04:47	1

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-05
Date Collected: 05/21/26 18:22
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-8
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/27/26 15:22	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/26 15:22	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/27/26 15:22	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/26 15:22	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/26 15:22	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/26 15:22	1
1,1-Dichloropropene	ND		1.0		ug/L			05/27/26 15:22	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/27/26 15:22	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/27/26 15:22	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/27/26 15:22	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/26 15:22	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/27/26 15:22	1
Ethylene Dibromide	ND		1.0		ug/L			05/27/26 15:22	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/27/26 15:22	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/27/26 15:22	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/26 15:22	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/27/26 15:22	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/27/26 15:22	1
1,3-Dichloropropane	ND		1.0		ug/L			05/27/26 15:22	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/27/26 15:22	1
1-Methylnaphthalene	ND		4.0		ug/L			05/27/26 15:22	1
2,2-Dichloropropane	ND		2.0		ug/L			05/27/26 15:22	1
2-Butanone	ND		10		ug/L			05/27/26 15:22	1
2-Chlorotoluene	ND		1.0		ug/L			05/27/26 15:22	1
2-Hexanone	ND		10		ug/L			05/27/26 15:22	1
2-Methylnaphthalene	ND		4.0		ug/L			05/27/26 15:22	1
4-Chlorotoluene	ND		1.0		ug/L			05/27/26 15:22	1
4-Isopropyltoluene	ND		1.0		ug/L			05/27/26 15:22	1
4-Methyl-2-pentanone	ND		10		ug/L			05/27/26 15:22	1
Acetone	ND		10		ug/L			05/27/26 15:22	1
Benzene	ND		1.0		ug/L			05/27/26 15:22	1
Bromobenzene	ND		1.0		ug/L			05/27/26 15:22	1
Bromodichloromethane	ND		1.0		ug/L			05/27/26 15:22	1
Dibromochloromethane	ND		1.0		ug/L			05/27/26 15:22	1
Bromoform	ND		1.0		ug/L			05/27/26 15:22	1
Bromomethane	ND		3.0		ug/L			05/27/26 15:22	1
Carbon disulfide	ND		10		ug/L			05/27/26 15:22	1
Carbon tetrachloride	ND		1.0		ug/L			05/27/26 15:22	1
Chlorobenzene	ND		1.0		ug/L			05/27/26 15:22	1
Chloroethane	ND		2.0		ug/L			05/27/26 15:22	1
Chloroform	ND		1.0		ug/L			05/27/26 15:22	1
Chloromethane	ND		3.0		ug/L			05/27/26 15:22	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 15:22	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 15:22	1
Dibromomethane	ND		1.0		ug/L			05/27/26 15:22	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/27/26 15:22	1
Ethylbenzene	ND		1.0		ug/L			05/27/26 15:22	1
Hexachlorobutadiene	ND		1.0		ug/L			05/27/26 15:22	1
Isopropylbenzene	ND		1.0		ug/L			05/27/26 15:22	1

Client Sample ID: MW-EP-05
Date Collected: 05/21/26 18:22
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-8
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/27/26 15:22	1
Methylene Chloride	ND		2.5		ug/L			05/27/26 15:22	1
n-Butylbenzene	ND		3.0		ug/L			05/27/26 15:22	1
N-Propylbenzene	ND		1.0		ug/L			05/27/26 15:22	1
Naphthalene	ND		2.0		ug/L			05/27/26 15:22	1
sec-Butylbenzene	ND		1.0		ug/L			05/27/26 15:22	1
Styrene	ND		1.0		ug/L			05/27/26 15:22	1
tert-Butylbenzene	ND		1.0		ug/L			05/27/26 15:22	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/27/26 15:22	1
Toluene	ND		1.0		ug/L			05/27/26 15:22	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 15:22	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 15:22	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/27/26 15:22	1
Trichlorofluoromethane	ND		1.0		ug/L			05/27/26 15:22	1
Vinyl chloride	ND		1.0		ug/L			05/27/26 15:22	1
Xylenes, Total	ND		1.5		ug/L			05/27/26 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*05/27/26 15:22*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*05/27/26 15:22*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*05/27/26 15:22*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*05/27/26 15:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
2-Methylnaphthalene	ND		0.40		ug/L		05/26/26 15:24	05/28/26 09:16	1
Acenaphthene	ND		0.26		ug/L		05/26/26 15:24	05/28/26 09:16	1
Acenaphthylene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
Anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
Benzo[a]anthracene	**0.41**	***1**	0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
Benzo[a]pyrene	**0.15**		0.035		ug/L		05/26/26 15:24	05/28/26 09:16	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
Benzo[b]fluoranthene	ND	*1	0.25		ug/L		05/26/26 15:24	05/28/26 09:16	1
Benzo[k]fluoranthene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
Chrysene	**0.72**		0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
Fluoranthene	ND		1.0		ug/L		05/26/26 15:24	05/28/26 09:16	1
Fluorene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 09:16	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
Naphthalene	ND	*+	0.20		ug/L		05/26/26 15:24	05/28/26 09:16	1
Phenanthrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 09:16	1
Pyrene	ND		0.50		ug/L		05/26/26 15:24	05/28/26 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*173*	*S1+*	*29 - 130*	*05/26/26 15:24*	*05/28/26 09:16*	*1*
2,4,6-Tribromophenol (Surr)	*134*	*S1+*	*15 - 130*	*05/26/26 15:24*	*05/28/26 09:16*	*1*
p-Terphenyl-d14 (Surr)	*85*		*41 - 130*	*05/26/26 15:24*	*05/28/26 09:16*	*1*
Phenol-d5 (Surr)	*69*		*15 - 130*	*05/26/26 15:24*	*05/28/26 09:16*	*1*
2-Fluorobiphenyl (Surr)	*95*		*20 - 130*	*05/26/26 15:24*	*05/28/26 09:16*	*1*

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-05
Date Collected: 05/21/26 18:22
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*93*		*15 - 130*	*05/26/26 15:24*	*05/28/26 09:16*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0092		ug/L		05/26/26 09:57	05/26/26 23:04	1
1,2-Dibromo-3-Chloropropane	ND		0.018		ug/L		05/26/26 09:57	05/26/26 23:04	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:37	1
Arsenic	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:37	1
Beryllium	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:37	1
Cobalt	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 21:37	1
Iron	ND		0.020		mg/L		06/05/26 09:30	06/05/26 21:37	1
Manganese	**0.17**	**^2**	0.0020		mg/L		06/05/26 09:30	06/05/26 21:37	1
Chromium	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 21:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		06/02/26 19:04	06/03/26 04:48	1

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: Trip Blank
Date Collected: 05/21/26 00:00
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-9
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/26/26 16:03	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/26/26 16:03	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/26/26 16:03	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/26/26 16:03	1
1,1-Dichloroethane	ND		1.0		ug/L			05/26/26 16:03	1
1,1-Dichloroethene	ND		1.0		ug/L			05/26/26 16:03	1
1,1-Dichloropropene	ND		1.0		ug/L			05/26/26 16:03	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/26/26 16:03	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/26/26 16:03	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/26/26 16:03	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/26/26 16:03	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/26/26 16:03	1
Ethylene Dibromide	ND		1.0		ug/L			05/26/26 16:03	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/26/26 16:03	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/26/26 16:03	1
1,2-Dichloropropane	ND		1.0		ug/L			05/26/26 16:03	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/26/26 16:03	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/26/26 16:03	1
1,3-Dichloropropane	ND		1.0		ug/L			05/26/26 16:03	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/26/26 16:03	1
1-Methylnaphthalene	ND		4.0		ug/L			05/26/26 16:03	1
2,2-Dichloropropane	ND		2.0		ug/L			05/26/26 16:03	1
2-Butanone	ND		10		ug/L			05/26/26 16:03	1
2-Chlorotoluene	ND		1.0		ug/L			05/26/26 16:03	1
2-Hexanone	ND		10		ug/L			05/26/26 16:03	1
2-Methylnaphthalene	ND		4.0		ug/L			05/26/26 16:03	1
4-Chlorotoluene	ND		1.0		ug/L			05/26/26 16:03	1
4-Isopropyltoluene	ND		1.0		ug/L			05/26/26 16:03	1
4-Methyl-2-pentanone	ND		10		ug/L			05/26/26 16:03	1
Acetone	ND		10		ug/L			05/26/26 16:03	1
Benzene	ND		1.0		ug/L			05/26/26 16:03	1
Bromobenzene	ND		1.0		ug/L			05/26/26 16:03	1
Bromodichloromethane	ND		1.0		ug/L			05/26/26 16:03	1
Dibromochloromethane	ND		1.0		ug/L			05/26/26 16:03	1
Bromoform	ND		1.0		ug/L			05/26/26 16:03	1
Bromomethane	ND		3.0		ug/L			05/26/26 16:03	1
Carbon disulfide	ND		10		ug/L			05/26/26 16:03	1
Carbon tetrachloride	ND		1.0		ug/L			05/26/26 16:03	1
Chlorobenzene	ND		1.0		ug/L			05/26/26 16:03	1
Chloroethane	ND		2.0		ug/L			05/26/26 16:03	1
Chloroform	ND		1.0		ug/L			05/26/26 16:03	1
Chloromethane	ND		3.0		ug/L			05/26/26 16:03	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/26/26 16:03	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/26/26 16:03	1
Dibromomethane	ND		1.0		ug/L			05/26/26 16:03	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/26/26 16:03	1
Ethylbenzene	ND		1.0		ug/L			05/26/26 16:03	1
Hexachlorobutadiene	ND		1.0		ug/L			05/26/26 16:03	1
Isopropylbenzene	ND		1.0		ug/L			05/26/26 16:03	1

Client Sample ID: Trip Blank
Date Collected: 05/21/26 00:00
Date Received: 05/22/26 09:27

Lab Sample ID: 885-49972-9
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/26/26 16:03	1
Methylene Chloride	ND		2.5		ug/L			05/26/26 16:03	1
n-Butylbenzene	ND		3.0		ug/L			05/26/26 16:03	1
N-Propylbenzene	ND		1.0		ug/L			05/26/26 16:03	1
Naphthalene	ND		2.0		ug/L			05/26/26 16:03	1
sec-Butylbenzene	ND		1.0		ug/L			05/26/26 16:03	1
Styrene	ND		1.0		ug/L			05/26/26 16:03	1
tert-Butylbenzene	ND		1.0		ug/L			05/26/26 16:03	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/26/26 16:03	1
Toluene	ND		1.0		ug/L			05/26/26 16:03	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/26/26 16:03	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/26/26 16:03	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/26/26 16:03	1
Trichlorofluoromethane	ND		1.0		ug/L			05/26/26 16:03	1
Vinyl chloride	ND		1.0		ug/L			05/26/26 16:03	1
Xylenes, Total	ND		1.5		ug/L			05/26/26 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*05/26/26 16:03*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*05/26/26 16:03*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*05/26/26 16:03*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*05/26/26 16:03*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0093		ug/L		05/26/26 09:57	05/26/26 23:18	1
1,2-Dibromo-3-Chloropropane	ND		0.019		ug/L		05/26/26 09:57	05/26/26 23:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-49421/7
Matrix: Water
Analysis Batch: 49421

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/26/26 15:08	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/26/26 15:08	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/26/26 15:08	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/26/26 15:08	1
1,1-Dichloroethane	ND		1.0		ug/L			05/26/26 15:08	1
1,1-Dichloroethene	ND		1.0		ug/L			05/26/26 15:08	1
1,1-Dichloropropene	ND		1.0		ug/L			05/26/26 15:08	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/26/26 15:08	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/26/26 15:08	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/26/26 15:08	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/26/26 15:08	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/26/26 15:08	1
Ethylene Dibromide	ND		1.0		ug/L			05/26/26 15:08	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/26/26 15:08	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/26/26 15:08	1
1,2-Dichloropropane	ND		1.0		ug/L			05/26/26 15:08	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/26/26 15:08	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/26/26 15:08	1
1,3-Dichloropropane	ND		1.0		ug/L			05/26/26 15:08	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/26/26 15:08	1
1-Methylnaphthalene	ND		4.0		ug/L			05/26/26 15:08	1
2,2-Dichloropropane	ND		2.0		ug/L			05/26/26 15:08	1
2-Butanone	ND		10		ug/L			05/26/26 15:08	1
2-Chlorotoluene	ND		1.0		ug/L			05/26/26 15:08	1
2-Hexanone	ND		10		ug/L			05/26/26 15:08	1
2-Methylnaphthalene	ND		4.0		ug/L			05/26/26 15:08	1
4-Chlorotoluene	ND		1.0		ug/L			05/26/26 15:08	1
4-Isopropyltoluene	ND		1.0		ug/L			05/26/26 15:08	1
4-Methyl-2-pentanone	ND		10		ug/L			05/26/26 15:08	1
Acetone	ND		10		ug/L			05/26/26 15:08	1
Benzene	ND		1.0		ug/L			05/26/26 15:08	1
Bromobenzene	ND		1.0		ug/L			05/26/26 15:08	1
Bromodichloromethane	ND		1.0		ug/L			05/26/26 15:08	1
Dibromochloromethane	ND		1.0		ug/L			05/26/26 15:08	1
Bromoform	ND		1.0		ug/L			05/26/26 15:08	1
Bromomethane	ND		3.0		ug/L			05/26/26 15:08	1
Carbon disulfide	ND		10		ug/L			05/26/26 15:08	1
Carbon tetrachloride	ND		1.0		ug/L			05/26/26 15:08	1
Chlorobenzene	ND		1.0		ug/L			05/26/26 15:08	1
Chloroethane	ND		2.0		ug/L			05/26/26 15:08	1
Chloroform	ND		1.0		ug/L			05/26/26 15:08	1
Chloromethane	ND		3.0		ug/L			05/26/26 15:08	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/26/26 15:08	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/26/26 15:08	1
Dibromomethane	ND		1.0		ug/L			05/26/26 15:08	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/26/26 15:08	1
Ethylbenzene	ND		1.0		ug/L			05/26/26 15:08	1
Hexachlorobutadiene	ND		1.0		ug/L			05/26/26 15:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-49421/7
Matrix: Water
Analysis Batch: 49421

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			05/26/26 15:08	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/26/26 15:08	1
Methylene Chloride	ND		2.5		ug/L			05/26/26 15:08	1
n-Butylbenzene	ND		3.0		ug/L			05/26/26 15:08	1
N-Propylbenzene	ND		1.0		ug/L			05/26/26 15:08	1
Naphthalene	ND		2.0		ug/L			05/26/26 15:08	1
sec-Butylbenzene	ND		1.0		ug/L			05/26/26 15:08	1
Styrene	ND		1.0		ug/L			05/26/26 15:08	1
tert-Butylbenzene	ND		1.0		ug/L			05/26/26 15:08	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/26/26 15:08	1
Toluene	ND		1.0		ug/L			05/26/26 15:08	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/26/26 15:08	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/26/26 15:08	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/26/26 15:08	1
Trichlorofluoromethane	ND		1.0		ug/L			05/26/26 15:08	1
Vinyl chloride	ND		1.0		ug/L			05/26/26 15:08	1
Xylenes, Total	ND		1.5		ug/L			05/26/26 15:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*05/26/26 15:08*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*05/26/26 15:08*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*05/26/26 15:08*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*05/26/26 15:08*	*1*

Lab Sample ID: LCS 885-49421/6
Matrix: Water
Analysis Batch: 49421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	17.3		ug/L		86	70 - 130		
Benzene			20.0	24.7		ug/L		123	70 - 130		
Chlorobenzene			20.0	18.8		ug/L		94	70 - 130		
Toluene			20.0	18.8		ug/L		94	70 - 130		
Trichloroethene (TCE)			20.0	17.5		ug/L		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 885-49454/5
Matrix: Water
Analysis Batch: 49454

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/27/26 12:10	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/26 12:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-49454/5
Matrix: Water
Analysis Batch: 49454

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			05/27/26 12:10	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/26 12:10	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/26 12:10	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/26 12:10	1
1,1-Dichloropropene	ND		1.0		ug/L			05/27/26 12:10	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/27/26 12:10	1
1,2,3-Trichloropropane	ND		2.0		ug/L			05/27/26 12:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/27/26 12:10	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/26 12:10	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/27/26 12:10	1
Ethylene Dibromide	ND		1.0		ug/L			05/27/26 12:10	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/27/26 12:10	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			05/27/26 12:10	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/26 12:10	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			05/27/26 12:10	1
1,3-Dichlorobenzene	ND		1.0		ug/L			05/27/26 12:10	1
1,3-Dichloropropane	ND		1.0		ug/L			05/27/26 12:10	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/27/26 12:10	1
1-Methylnaphthalene	ND		4.0		ug/L			05/27/26 12:10	1
2,2-Dichloropropane	ND		2.0		ug/L			05/27/26 12:10	1
2-Butanone	ND		10		ug/L			05/27/26 12:10	1
2-Chlorotoluene	ND		1.0		ug/L			05/27/26 12:10	1
2-Hexanone	ND		10		ug/L			05/27/26 12:10	1
2-Methylnaphthalene	ND		4.0		ug/L			05/27/26 12:10	1
4-Chlorotoluene	ND		1.0		ug/L			05/27/26 12:10	1
4-Isopropyltoluene	ND		1.0		ug/L			05/27/26 12:10	1
4-Methyl-2-pentanone	ND		10		ug/L			05/27/26 12:10	1
Acetone	ND		10		ug/L			05/27/26 12:10	1
Benzene	ND		1.0		ug/L			05/27/26 12:10	1
Bromobenzene	ND		1.0		ug/L			05/27/26 12:10	1
Bromodichloromethane	ND		1.0		ug/L			05/27/26 12:10	1
Dibromochloromethane	ND		1.0		ug/L			05/27/26 12:10	1
Bromoform	ND		1.0		ug/L			05/27/26 12:10	1
Bromomethane	ND		3.0		ug/L			05/27/26 12:10	1
Carbon disulfide	ND		10		ug/L			05/27/26 12:10	1
Carbon tetrachloride	ND		1.0		ug/L			05/27/26 12:10	1
Chlorobenzene	ND		1.0		ug/L			05/27/26 12:10	1
Chloroethane	ND		2.0		ug/L			05/27/26 12:10	1
Chloroform	ND		1.0		ug/L			05/27/26 12:10	1
Chloromethane	ND		3.0		ug/L			05/27/26 12:10	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 12:10	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 12:10	1
Dibromomethane	ND		1.0		ug/L			05/27/26 12:10	1
Dichlorodifluoromethane	ND		1.0		ug/L			05/27/26 12:10	1
Ethylbenzene	ND		1.0		ug/L			05/27/26 12:10	1
Hexachlorobutadiene	ND		1.0		ug/L			05/27/26 12:10	1
Isopropylbenzene	ND		1.0		ug/L			05/27/26 12:10	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			05/27/26 12:10	1
Methylene Chloride	ND		2.5		ug/L			05/27/26 12:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-49454/5
Matrix: Water
Analysis Batch: 49454

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		3.0		ug/L			05/27/26 12:10	1
N-Propylbenzene	ND		1.0		ug/L			05/27/26 12:10	1
Naphthalene	ND		2.0		ug/L			05/27/26 12:10	1
sec-Butylbenzene	ND		1.0		ug/L			05/27/26 12:10	1
Styrene	ND		1.0		ug/L			05/27/26 12:10	1
tert-Butylbenzene	ND		1.0		ug/L			05/27/26 12:10	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			05/27/26 12:10	1
Toluene	ND		1.0		ug/L			05/27/26 12:10	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/26 12:10	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/27/26 12:10	1
Trichloroethene (TCE)	ND		1.0		ug/L			05/27/26 12:10	1
Trichlorofluoromethane	ND		1.0		ug/L			05/27/26 12:10	1
Vinyl chloride	ND		1.0		ug/L			05/27/26 12:10	1
Xylenes, Total	ND		1.5		ug/L			05/27/26 12:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*05/27/26 12:10*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*05/27/26 12:10*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*05/27/26 12:10*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*05/27/26 12:10*	*1*

Lab Sample ID: LCS 885-49454/4
Matrix: Water
Analysis Batch: 49454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	18.0		ug/L		90	70 - 130		
Benzene			20.0	25.8		ug/L		129	70 - 130		
Chlorobenzene			20.0	18.4		ug/L		92	70 - 130		
Toluene			20.0	18.2		ug/L		91	70 - 130		
Trichloroethene (TCE)			20.0	17.9		ug/L		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 885-49424/1-A
Matrix: Water
Analysis Batch: 49443

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49424

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
2-Methylnaphthalene	ND		0.40		ug/L		05/26/26 15:23	05/28/26 02:22	1
Acenaphthene	ND		0.26		ug/L		05/26/26 15:23	05/28/26 02:22	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 885-49424/1-A
Matrix: Water
Analysis Batch: 49443

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49424

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
Anthracene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
Benzo[a]anthracene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
Benzo[a]pyrene	ND		0.035		ug/L		05/26/26 15:23	05/28/26 02:22	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
Benzo[b]fluoranthene	ND		0.25		ug/L		05/26/26 15:23	05/28/26 02:22	1
Benzo[k]fluoranthene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
Chrysene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
Fluoranthene	ND		1.0		ug/L		05/26/26 15:23	05/28/26 02:22	1
Fluorene	ND		0.50		ug/L		05/26/26 15:23	05/28/26 02:22	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
Naphthalene	ND		0.20		ug/L		05/26/26 15:23	05/28/26 02:22	1
Phenanthrene	ND		0.50		ug/L		05/26/26 15:23	05/28/26 02:22	1
Pyrene	ND		0.50		ug/L		05/26/26 15:23	05/28/26 02:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*135*	*S1+*	*29 - 130*	*05/26/26 15:23*	*05/28/26 02:22*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*15 - 130*	*05/26/26 15:23*	*05/28/26 02:22*	*1*
p-Terphenyl-d14 (Surr)	*82*		*41 - 130*	*05/26/26 15:23*	*05/28/26 02:22*	*1*
Phenol-d5 (Surr)	*49*		*15 - 130*	*05/26/26 15:23*	*05/28/26 02:22*	*1*
2-Fluorobiphenyl (Surr)	*112*		*20 - 130*	*05/26/26 15:23*	*05/28/26 02:22*	*1*
2-Fluorophenol (Surr)	*48*		*15 - 130*	*05/26/26 15:23*	*05/28/26 02:22*	*1*

Lab Sample ID: LCS 885-49424/2-A
Matrix: Water
Analysis Batch: 49443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	6.69		ug/L		117	35 - 118
2-Methylnaphthalene	5.71	6.50		ug/L		114	32 - 114
Acenaphthene	5.71	6.41		ug/L		112	54 - 122
Acenaphthylene	5.71	6.73	*+	ug/L		118	63 - 113
Anthracene	5.71	6.57		ug/L		115	70 - 130
Benzo[a]anthracene	5.71	7.20		ug/L		126	65 - 132
Benzo[a]pyrene	5.71	6.61		ug/L		116	52 - 150
Benzo[g,h,i]perylene	5.71	6.46		ug/L		113	46 - 150
Benzo[b]fluoranthene	5.71	7.10		ug/L		124	64 - 137
Benzo[k]fluoranthene	5.71	6.90		ug/L		121	63 - 136
Chrysene	5.71	7.10		ug/L		124	68 - 139
Dibenz(a,h)anthracene	5.71	7.06		ug/L		123	44 - 155
Fluoranthene	5.71	6.87		ug/L		120	70 - 130
Fluorene	5.71	6.40		ug/L		112	61 - 128
Indeno[1,2,3-cd]pyrene	5.71	6.76		ug/L		118	50 - 147
Naphthalene	5.71	6.65	*+	ug/L		116	42 - 112
Phenanthrene	5.71	6.39		ug/L		112	70 - 130
Pyrene	5.71	6.84		ug/L		120	60 - 134

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 885-49424/2-A
Matrix: Water
Analysis Batch: 49443

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49424

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	139	S1+	29 - 130
2,4,6-Tribromophenol (Surr)	85		15 - 130
p-Terphenyl-d14 (Surr)	89		41 - 130
Phenol-d5 (Surr)	56		15 - 130
2-Fluorobiphenyl (Surr)	117		20 - 130
2-Fluorophenol (Surr)	53		15 - 130

Lab Sample ID: LCSD 885-49424/3-A
Matrix: Water
Analysis Batch: 49443

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49424

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			5.71	6.13		ug/L		107	35 - 118	9	20
2-Methylnaphthalene			5.71	6.16		ug/L		108	32 - 114	5	20
Acenaphthene			5.71	6.35		ug/L		111	54 - 122	1	20
Acenaphthylene			5.71	6.33		ug/L		111	63 - 113	6	20
Anthracene			5.71	6.18		ug/L		108	70 - 130	6	20
Benzo[a]anthracene			5.71	5.81	*1	ug/L		102	65 - 132	21	20
Benzo[a]pyrene			5.71	5.55		ug/L		97	52 - 150	17	20
Benzo[g,h,i]perylene			5.71	5.45		ug/L		95	46 - 150	17	20
Benzo[b]fluoranthene			5.71	5.42	*1	ug/L		95	64 - 137	27	20
Benzo[k]fluoranthene			5.71	5.94		ug/L		104	63 - 136	15	20
Chrysene			5.71	5.79		ug/L		101	68 - 139	20	20
Dibenz(a,h)anthracene			5.71	5.86		ug/L		103	44 - 155	18	20
Fluoranthene			5.71	6.15		ug/L		108	70 - 130	11	20
Fluorene			5.71	6.13		ug/L		107	61 - 128	4	20
Indeno[1,2,3-cd]pyrene			5.71	5.70		ug/L		100	50 - 147	17	20
Naphthalene			5.71	6.35		ug/L		111	42 - 112	5	20
Phenanthrene			5.71	5.96		ug/L		104	70 - 130	7	20
Pyrene			5.71	6.11		ug/L		107	60 - 134	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	131	S1+	29 - 130
2,4,6-Tribromophenol (Surr)	69		15 - 130
p-Terphenyl-d14 (Surr)	70		41 - 130
Phenol-d5 (Surr)	50		15 - 130
2-Fluorobiphenyl (Surr)	111		20 - 130
2-Fluorophenol (Surr)	40		15 - 130

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 885-49378/3-A
Matrix: Water
Analysis Batch: 49416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49378

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.010		ug/L		05/26/26 09:56	05/26/26 17:29	1
1,2-Dibromo-3-Chloropropane	ND		0.020		ug/L		05/26/26 09:56	05/26/26 17:29	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCS 885-49378/4-A
Matrix: Water
Analysis Batch: 49416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	0.100	0.114		ug/L		114	70 - 130
1,2-Dibromo-3-Chloropropane	0.100	0.112		ug/L		112	70 - 130

Lab Sample ID: LCSD 885-49378/5-A
Matrix: Water
Analysis Batch: 49416

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49378

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene Dibromide	0.100	0.102		ug/L		102	70 - 130	10	20
1,2-Dibromo-3-Chloropropane	0.100	0.114		ug/L		114	70 - 130	2	20

Lab Sample ID: MRL 885-49378/1-A
Matrix: Water
Analysis Batch: 49416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49378

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	0.0100	0.0101		ug/L		101	60 - 140
1,2-Dibromo-3-Chloropropane	0.0100	ND		ug/L		84	60 - 140

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-329324/1-B
Matrix: Water
Analysis Batch: 330821

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 330012

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.020		mg/L		06/05/26 09:30	06/05/26 19:22	1
Arsenic	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 19:22	1
Beryllium	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 19:22	1
Cobalt	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 19:22	1
Iron	ND		0.020		mg/L		06/05/26 09:30	06/05/26 19:22	1
Manganese	ND		0.0020		mg/L		06/05/26 09:30	06/05/26 19:22	1
Chromium	ND		0.0040		mg/L		06/05/26 09:30	06/05/26 19:22	1

Lab Sample ID: LCS 860-329324/2-B
Matrix: Water
Analysis Batch: 330821

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 330012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.498		mg/L		100	80 - 120
Arsenic	0.100	0.0983		mg/L		98	80 - 120
Beryllium	0.100	0.0993		mg/L		99	80 - 120
Cobalt	0.100	0.0983		mg/L		98	80 - 120
Iron	0.500	0.501		mg/L		100	80 - 120
Manganese	0.100	0.0976		mg/L		98	80 - 120
Chromium	0.100	0.0991		mg/L		99	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-329324/3-B
Matrix: Water
Analysis Batch: 330821

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 330012

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.518		mg/L		104	80 - 120	4	20
Arsenic			0.100	0.0984		mg/L		98	80 - 120	0	20
Beryllium			0.100	0.0996		mg/L		100	80 - 120	0	20
Cobalt			0.100	0.0997		mg/L		100	80 - 120	1	20
Iron			0.500	0.499		mg/L		100	80 - 120	0	20
Manganese			0.100	0.0964		mg/L		96	80 - 120	1	20
Chromium			0.100	0.0994		mg/L		99	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-328135/27-C
Matrix: Water
Analysis Batch: 329111

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329079

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		06/02/26 19:03	06/03/26 04:16	1

Lab Sample ID: LCS 860-328135/28-C
Matrix: Water
Analysis Batch: 329111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 329079

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.00196		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-328135/29-C
Matrix: Water
Analysis Batch: 329111

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 329079

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.00192		mg/L		96	80 - 120	2	20

GC/MS VOA

Analysis Batch: 49421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-1	MW-EP-09	Total/NA	Water	8260B	
885-49972-6	MW-EP-10	Total/NA	Water	8260B	
885-49972-9	Trip Blank	Total/NA	Water	8260B	
MB 885-49421/7	Method Blank	Total/NA	Water	8260B	
LCS 885-49421/6	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 49454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-2	MW-EP-07	Total/NA	Water	8260B	
885-49972-3	MW-EP-04	Total/NA	Water	8260B	
885-49972-4	MW-EP-04-DUP	Total/NA	Water	8260B	
885-49972-5	MW-EP-08	Total/NA	Water	8260B	
885-49972-7	MW-EP-06	Total/NA	Water	8260B	
885-49972-8	MW-EP-05	Total/NA	Water	8260B	
MB 885-49454/5	Method Blank	Total/NA	Water	8260B	
LCS 885-49454/4	Lab Control Sample	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 49424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-1	MW-EP-09	Total/NA	Water	3511	
885-49972-2	MW-EP-07	Total/NA	Water	3511	
885-49972-3	MW-EP-04	Total/NA	Water	3511	
885-49972-4	MW-EP-04-DUP	Total/NA	Water	3511	
885-49972-5	MW-EP-08	Total/NA	Water	3511	
885-49972-6	MW-EP-10	Total/NA	Water	3511	
885-49972-7	MW-EP-06	Total/NA	Water	3511	
885-49972-8	MW-EP-05	Total/NA	Water	3511	
MB 885-49424/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-49424/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 885-49424/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 49443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-1	MW-EP-09	Total/NA	Water	8270E	49424
885-49972-2	MW-EP-07	Total/NA	Water	8270E	49424
885-49972-3	MW-EP-04	Total/NA	Water	8270E	49424
885-49972-4	MW-EP-04-DUP	Total/NA	Water	8270E	49424
885-49972-5	MW-EP-08	Total/NA	Water	8270E	49424
885-49972-6	MW-EP-10	Total/NA	Water	8270E	49424
885-49972-7	MW-EP-06	Total/NA	Water	8270E	49424
885-49972-8	MW-EP-05	Total/NA	Water	8270E	49424
MB 885-49424/1-A	Method Blank	Total/NA	Water	8270E	49424
LCS 885-49424/2-A	Lab Control Sample	Total/NA	Water	8270E	49424
LCSD 885-49424/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	49424

GC Semi VOA

Prep Batch: 49378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-1	MW-EP-09	Total/NA	Water	8011	

GC Semi VOA (Continued)

Prep Batch: 49378 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-2	MW-EP-07	Total/NA	Water	8011	
885-49972-3	MW-EP-04	Total/NA	Water	8011	
885-49972-4	MW-EP-04-DUP	Total/NA	Water	8011	
885-49972-5	MW-EP-08	Total/NA	Water	8011	
885-49972-6	MW-EP-10	Total/NA	Water	8011	
885-49972-7	MW-EP-06	Total/NA	Water	8011	
885-49972-8	MW-EP-05	Total/NA	Water	8011	
885-49972-9	Trip Blank	Total/NA	Water	8011	
MB 885-49378/3-A	Method Blank	Total/NA	Water	8011	
LCS 885-49378/4-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 885-49378/5-A	Lab Control Sample Dup	Total/NA	Water	8011	
MRL 885-49378/1-A	Lab Control Sample	Total/NA	Water	8011	

Analysis Batch: 49416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-1	MW-EP-09	Total/NA	Water	8011	49378
885-49972-2	MW-EP-07	Total/NA	Water	8011	49378
885-49972-3	MW-EP-04	Total/NA	Water	8011	49378
885-49972-4	MW-EP-04-DUP	Total/NA	Water	8011	49378
885-49972-5	MW-EP-08	Total/NA	Water	8011	49378
885-49972-6	MW-EP-10	Total/NA	Water	8011	49378
885-49972-7	MW-EP-06	Total/NA	Water	8011	49378
885-49972-8	MW-EP-05	Total/NA	Water	8011	49378
885-49972-9	Trip Blank	Total/NA	Water	8011	49378
MB 885-49378/3-A	Method Blank	Total/NA	Water	8011	49378
LCS 885-49378/4-A	Lab Control Sample	Total/NA	Water	8011	49378
LCSD 885-49378/5-A	Lab Control Sample Dup	Total/NA	Water	8011	49378
MRL 885-49378/1-A	Lab Control Sample	Total/NA	Water	8011	49378

Metals

Filtration Batch: 328135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-328135/27-C	Method Blank	Total/NA	Water	Filtration	
LCS 860-328135/28-C	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-328135/29-C	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 329079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-1	MW-EP-09	Total/NA	Water	7470A	
885-49972-2	MW-EP-07	Total/NA	Water	7470A	
885-49972-3	MW-EP-04	Total/NA	Water	7470A	
885-49972-4	MW-EP-04-DUP	Total/NA	Water	7470A	
885-49972-5	MW-EP-08	Total/NA	Water	7470A	
885-49972-6	MW-EP-10	Total/NA	Water	7470A	
885-49972-7	MW-EP-06	Total/NA	Water	7470A	
885-49972-8	MW-EP-05	Total/NA	Water	7470A	
MB 860-328135/27-C	Method Blank	Total/NA	Water	7470A	328135
LCS 860-328135/28-C	Lab Control Sample	Total/NA	Water	7470A	328135
LCSD 860-328135/29-C	Lab Control Sample Dup	Total/NA	Water	7470A	328135

Metals

Analysis Batch: 329111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-1	MW-EP-09	Total/NA	Water	7470A	329079
885-49972-2	MW-EP-07	Total/NA	Water	7470A	329079
885-49972-3	MW-EP-04	Total/NA	Water	7470A	329079
885-49972-4	MW-EP-04-DUP	Total/NA	Water	7470A	329079
885-49972-5	MW-EP-08	Total/NA	Water	7470A	329079
885-49972-6	MW-EP-10	Total/NA	Water	7470A	329079
885-49972-7	MW-EP-06	Total/NA	Water	7470A	329079
885-49972-8	MW-EP-05	Total/NA	Water	7470A	329079
MB 860-328135/27-C	Method Blank	Total/NA	Water	7470A	329079
LCS 860-328135/28-C	Lab Control Sample	Total/NA	Water	7470A	329079
LCSD 860-328135/29-C	Lab Control Sample Dup	Total/NA	Water	7470A	329079

Filtration Batch: 329324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-329324/1-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-329324/2-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-329324/3-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 330012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-1	MW-EP-09	Total/NA	Water	3010A	
885-49972-2	MW-EP-07	Total/NA	Water	3010A	
885-49972-3	MW-EP-04	Total/NA	Water	3010A	
885-49972-4	MW-EP-04-DUP	Total/NA	Water	3010A	
885-49972-5	MW-EP-08	Total/NA	Water	3010A	
885-49972-6	MW-EP-10	Total/NA	Water	3010A	
885-49972-7	MW-EP-06	Total/NA	Water	3010A	
885-49972-8	MW-EP-05	Total/NA	Water	3010A	
MB 860-329324/1-B	Method Blank	Total/NA	Water	3010A	329324
LCS 860-329324/2-B	Lab Control Sample	Total/NA	Water	3010A	329324
LCSD 860-329324/3-B	Lab Control Sample Dup	Total/NA	Water	3010A	329324

Analysis Batch: 330821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-49972-1	MW-EP-09	Total/NA	Water	6020B	330012
885-49972-2	MW-EP-07	Total/NA	Water	6020B	330012
885-49972-3	MW-EP-04	Total/NA	Water	6020B	330012
885-49972-3	MW-EP-04	Total/NA	Water	6020B	330012
885-49972-4	MW-EP-04-DUP	Total/NA	Water	6020B	330012
885-49972-4	MW-EP-04-DUP	Total/NA	Water	6020B	330012
885-49972-5	MW-EP-08	Total/NA	Water	6020B	330012
885-49972-6	MW-EP-10	Total/NA	Water	6020B	330012
885-49972-6	MW-EP-10	Total/NA	Water	6020B	330012
885-49972-7	MW-EP-06	Total/NA	Water	6020B	330012
885-49972-7	MW-EP-06	Total/NA	Water	6020B	330012
885-49972-8	MW-EP-05	Total/NA	Water	6020B	330012
MB 860-329324/1-B	Method Blank	Total/NA	Water	6020B	330012
LCS 860-329324/2-B	Lab Control Sample	Total/NA	Water	6020B	330012
LCSD 860-329324/3-B	Lab Control Sample Dup	Total/NA	Water	6020B	330012

Lab Chronicle

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-09

Lab Sample ID: 885-49972-1

Date Collected: 05/21/26 12:48

Matrix: Water

Date Received: 05/22/26 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	49421	JP	EET ALB	05/26/26 21:05
Total/NA	Prep	3511			49424	JF	EET ALB	05/26/26 15:24
Total/NA	Analysis	8270E		1	49443	JF	EET ALB	05/28/26 05:15
Total/NA	Prep	8011			49378	BV	EET ALB	05/26/26 09:57
Total/NA	Analysis	8011		1	49416	BV	EET ALB	05/26/26 21:22
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		1	330821	DP	EET HOU	06/05/26 20:55
Total/NA	Prep	7470A			329079	AGR	EET HOU	06/02/26 19:04
Total/NA	Analysis	7470A		1	329111	SHZ	EET HOU	06/03/26 04:36

Client Sample ID: MW-EP-07

Lab Sample ID: 885-49972-2

Date Collected: 05/21/26 13:41

Matrix: Water

Date Received: 05/22/26 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	49454	JP	EET ALB	05/27/26 13:05
Total/NA	Prep	3511			49424	JF	EET ALB	05/26/26 15:24
Total/NA	Analysis	8270E		1	49443	JF	EET ALB	05/28/26 05:50
Total/NA	Prep	8011			49378	BV	EET ALB	05/26/26 09:57
Total/NA	Analysis	8011		1	49416	BV	EET ALB	05/26/26 21:36
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		1	330821	DP	EET HOU	06/05/26 20:57
Total/NA	Prep	7470A			329079	AGR	EET HOU	06/02/26 19:04
Total/NA	Analysis	7470A		1	329111	SHZ	EET HOU	06/03/26 04:37

Client Sample ID: MW-EP-04

Lab Sample ID: 885-49972-3

Date Collected: 05/21/26 14:36

Matrix: Water

Date Received: 05/22/26 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	49454	JP	EET ALB	05/27/26 13:32
Total/NA	Prep	3511			49424	JF	EET ALB	05/26/26 15:24
Total/NA	Analysis	8270E		1	49443	JF	EET ALB	05/28/26 06:24
Total/NA	Prep	8011			49378	BV	EET ALB	05/26/26 09:57
Total/NA	Analysis	8011		1	49416	BV	EET ALB	05/26/26 21:51
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		1	330821	DP	EET HOU	06/05/26 21:00
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		5	330821	DP	EET HOU	06/05/26 21:03
Total/NA	Prep	7470A			329079	AGR	EET HOU	06/02/26 19:04
Total/NA	Analysis	7470A		1	329111	SHZ	EET HOU	06/03/26 04:39

Client Sample ID: MW-EP-04-DUP

Lab Sample ID: 885-49972-4

Date Collected: 05/21/26 14:36

Matrix: Water

Date Received: 05/22/26 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	49454	JP	EET ALB	05/27/26 14:00
Total/NA	Prep	3511			49424	JF	EET ALB	05/26/26 15:24
Total/NA	Analysis	8270E		1	49443	JF	EET ALB	05/28/26 06:59
Total/NA	Prep	8011			49378	BV	EET ALB	05/26/26 09:57
Total/NA	Analysis	8011		1	49416	BV	EET ALB	05/26/26 22:06
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		1	330821	DP	EET HOU	06/05/26 21:05
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		5	330821	DP	EET HOU	06/05/26 21:08
Total/NA	Prep	7470A			329079	AGR	EET HOU	06/02/26 19:04
Total/NA	Analysis	7470A		1	329111	SHZ	EET HOU	06/03/26 04:40

Client Sample ID: MW-EP-08

Lab Sample ID: 885-49972-5

Date Collected: 05/21/26 15:51

Matrix: Water

Date Received: 05/22/26 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	49454	JP	EET ALB	05/27/26 14:27
Total/NA	Prep	3511			49424	JF	EET ALB	05/26/26 15:24
Total/NA	Analysis	8270E		1	49443	JF	EET ALB	05/28/26 07:33
Total/NA	Prep	8011			49378	BV	EET ALB	05/26/26 09:57
Total/NA	Analysis	8011		1	49416	BV	EET ALB	05/26/26 22:20
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		1	330821	DP	EET HOU	06/05/26 21:11
Total/NA	Prep	7470A			329079	AGR	EET HOU	06/02/26 19:04
Total/NA	Analysis	7470A		1	329111	SHZ	EET HOU	06/03/26 04:41

Client Sample ID: MW-EP-10

Lab Sample ID: 885-49972-6

Date Collected: 05/21/26 16:41

Matrix: Water

Date Received: 05/22/26 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	49421	JP	EET ALB	05/26/26 23:22
Total/NA	Prep	3511			49424	JF	EET ALB	05/26/26 15:24
Total/NA	Analysis	8270E		1	49443	JF	EET ALB	05/28/26 08:07
Total/NA	Prep	8011			49378	BV	EET ALB	05/26/26 09:57
Total/NA	Analysis	8011		1	49416	BV	EET ALB	05/26/26 22:35
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		1	330821	DP	EET HOU	06/05/26 21:18
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		5	330821	DP	EET HOU	06/05/26 21:21
Total/NA	Prep	7470A			329079	AGR	EET HOU	06/02/26 19:04
Total/NA	Analysis	7470A		1	329111	SHZ	EET HOU	06/03/26 04:43

Lab Chronicle

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Client Sample ID: MW-EP-06

Lab Sample ID: 885-49972-7

Date Collected: 05/21/26 17:36

Matrix: Water

Date Received: 05/22/26 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	49454	JP	EET ALB	05/27/26 14:55
Total/NA	Prep	3511			49424	JF	EET ALB	05/26/26 15:24
Total/NA	Analysis	8270E		1	49443	JF	EET ALB	05/28/26 08:41
Total/NA	Prep	8011			49378	BV	EET ALB	05/26/26 09:57
Total/NA	Analysis	8011		1	49416	BV	EET ALB	05/26/26 22:49
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		1	330821	DP	EET HOU	06/05/26 21:24
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		5	330821	DP	EET HOU	06/05/26 21:27
Total/NA	Prep	7470A			329079	AGR	EET HOU	06/02/26 19:04
Total/NA	Analysis	7470A		1	329111	SHZ	EET HOU	06/03/26 04:47

Client Sample ID: MW-EP-05

Lab Sample ID: 885-49972-8

Date Collected: 05/21/26 18:22

Matrix: Water

Date Received: 05/22/26 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	49454	JP	EET ALB	05/27/26 15:22
Total/NA	Prep	3511			49424	JF	EET ALB	05/26/26 15:24
Total/NA	Analysis	8270E		1	49443	JF	EET ALB	05/28/26 09:16
Total/NA	Prep	8011			49378	BV	EET ALB	05/26/26 09:57
Total/NA	Analysis	8011		1	49416	BV	EET ALB	05/26/26 23:04
Total/NA	Prep	3010A			330012	MD	EET HOU	06/05/26 09:30
Total/NA	Analysis	6020B		1	330821	DP	EET HOU	06/05/26 21:37
Total/NA	Prep	7470A			329079	AGR	EET HOU	06/02/26 19:04
Total/NA	Analysis	7470A		1	329111	SHZ	EET HOU	06/03/26 04:48

Client Sample ID: Trip Blank

Lab Sample ID: 885-49972-9

Date Collected: 05/21/26 00:00

Matrix: Water

Date Received: 05/22/26 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	49421	JP	EET ALB	05/26/26 16:03
Total/NA	Prep	8011			49378	BV	EET ALB	05/26/26 09:57
Total/NA	Analysis	8011		1	49416	BV	EET ALB	05/26/26 23:18

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-27

The following analytes are included in this report, but the laboratory is not certified by New Mexico State NM9425. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8011	8011	Water	1,2-Dibromo-3-Chloropropane
8011	8011	Water	Ethylene Dibromide
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by New Mexico State NM9425. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Ethylene Dibromide
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	2-Methylnaphthalene
8270E	3511	Water	Acenaphthene
8270E	3511	Water	Acenaphthylene
8270E	3511	Water	Anthracene
8270E	3511	Water	Benzo[a]anthracene
8270E	3511	Water	Benzo[a]pyrene
8270E	3511	Water	Benzo[b]fluoranthene
8270E	3511	Water	Benzo[g,h,i]perylene
8270E	3511	Water	Benzo[k]fluoranthene
8270E	3511	Water	Chrysene
8270E	3511	Water	Dibenz(a,h)anthracene
8270E	3511	Water	Fluoranthene
8270E	3511	Water	Fluorene
8270E	3511	Water	Indeno[1,2,3-cd]pyrene
8270E	3511	Water	Naphthalene
8270E	3511	Water	Phenanthrene
8270E	3511	Water	Pyrene

Oregon	NELAP	NM100001	02-25-27

The following analytes are included in this report, but the laboratory is not certified by Oregon NELAP NM100001. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	2-Methylnaphthalene
8270E	3511	Water	Acenaphthene
8270E	3511	Water	Acenaphthylene

Client: EA Engineering
Project/Site: Former Aerex

Job ID: 885-49972-1

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by Oregon NELAP NM100001. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8270E	3511	Water	Anthracene
8270E	3511	Water	Benzo[a]anthracene
8270E	3511	Water	Benzo[a]pyrene
8270E	3511	Water	Benzo[b]fluoranthene
8270E	3511	Water	Benzo[g,h,i]perylene
8270E	3511	Water	Benzo[k]fluoranthene
8270E	3511	Water	Chrysene
8270E	3511	Water	Dibenz(a,h)anthracene
8270E	3511	Water	Fluoranthene
8270E	3511	Water	Fluorene
8270E	3511	Water	Indeno[1,2,3-cd]pyrene
8270E	3511	Water	Naphthalene
8270E	3511	Water	Phenanthrene
8270E	3511	Water	Pyrene

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	12-31-26
Oregon	NELAP	4213-001	03-30-27
Texas	NELAP	T104704265	07-31-26
Texas	NELAP	T104704215	06-30-26
Texas	TCEQ Water Supply	T104704215	11-24-28
USDA	US Federal Programs	525-23-79-79507R1	04-10-29
Washington	State	C1114-26	03-22-27

Chain-of-Custody Record

eurofins | Environme

www.hallenvironmental.com 885-49972 COC

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: EA Engineering Science and Technology

Mailing Address: 320 Gold Ave SW Suite 1300 Alb NM 87110

Phone #: 505-818-0610

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: Former Aerex

Project #:

Project Manager: Mike McVey

Sampler: M. Ramos-Schultz

On Ice: ☑ Yes ☐ No

of Coolers: 2

Cooler Temp(including CF): 1.5-0.1 = 1.4c 0.4-0.1 = 0.3c

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5-21-26	1248	Aq	mw-EP-09			-1
	1341		mw-EP-07			-2
	1436		mw-EP-04			-3
	1436		mw-EP-04-DUP			-4
	1551		mw-EP-08			-5
	1641		mw-EP-10			-6
	1736		mw-EP-06			-7
↓	1822	↓	mw-EP-05			-8
			Trip Blank		5/22/26	-9

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	TAL Metals (Lead 6020, Mn
			X	X			X			X
			X				X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5-22-26	0927			COC	5-22-26	0927
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.

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque, NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Upton, Catherine	Carrier Tracking No(s): N/A	COC No: 885-9847.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Catherine.upton@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Oregon State New Mexico		Job #: 885-49972-1
Address: 4145 Greenbriar Dr	Due Date Requested: 6/1/2026			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Aerex	Project #: 88502749			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3010ATAL Metals	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-EP-09 (885-49972-1)	5/21/26	12:48 Mountain	G	Water			X	X	1	
MW-EP-07 (885-49972-2)	5/21/26	13:41 Mountain	G	Water			X	X	1	
MW-EP-04 (885-49972-3)	5/21/26	14:36 Mountain	G	Water			X	X	1	
MW-EP-04-DUP (885-49972-4)	5/21/26	14:36 Mountain	G	Water			X	X	1	
MW-EP-08 (885-49972-5)	5/21/26	15:51 Mountain	G	Water			X	X	1	
MW-EP-10 (885-49972-6)	5/21/26	16:41 Mountain	G	Water			X	X	1	
MW-EP-06 (885-49972-7)	5/21/26	17:36 Mountain	G	Water			X	X	1	
MW-EP-05 (885-49972-8)	5/21/26	18:22 Mountain	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 5/22/26 1130	Company	Received by:	Date/Time: Received	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: MAY 26 2026	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: Time: 9:30	Company

Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.0

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-49972-1

Login Number: 49972

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-49972-1

Login Number: 49972
List Number: 2
Creator: Marrero, Misleydis

List Source: Eurofins Houston
List Creation: 05/26/26 10:55 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Appendix E

Backfill Trucking Records

2026 May Backfill Material Summary
Former Aerex Refinery, Bloomfield, New Mexico

Job Site	Vendor	Ticket #	Material	Date	Time	Quantity	Quantity Value
Former Aerex Refinery	Four Corners Materials	217801299	#4 Minus Sand - Screened	03/26/26	9:24	22.15 Tons	22.15
Former Aerex Refinery	Four Corners Materials	217801300	#4 Minus Sand - Screened	03/26/26	9:32	22.41 Tons	22.41
Former Aerex Refinery	Four Corners Materials	217801301	#4 Minus Sand - Screened	03/26/26	9:33	22.28 Tons	22.28
Former Aerex Refinery	Four Corners Materials	217801302	#4 Minus Sand - Screened	03/26/26	9:35	22.36 Tons	22.36
Former Aerex Refinery	Four Corners Materials	217801306	#4 Minus Sand - Screened	03/26/26	11:31	22.39 Tons	22.39
Former Aerex Refinery	Four Corners Materials	217801307	#4 Minus Sand - Screened	03/26/26	11:35	22.04 Tons	22.04
Former Aerex Refinery	Four Corners Materials	217801308	#4 Minus Sand - Screened	03/26/26	11:38	22.55 Tons	22.55
Former Aerex Refinery	Four Corners Materials	217801310	#4 Minus Sand - Screened	03/26/26	11:43	22.38 Tons	22.38
Former Aerex Refinery	Four Corners Materials	217801315	#4 Minus Sand - Screened	03/26/26	13:30	22.20 Tons	22.20
Former Aerex Refinery	Four Corners Materials	217801316	#4 Minus Sand - Screened	03/26/26	13:32	22.28 Tons	22.28
Former Aerex Refinery	Four Corners Materials	217801317	#4 Minus Sand - Screened	03/26/26	13:35	22.83 Tons	22.83
Former Aerex Refinery	Four Corners Materials	217801320	#4 Minus Sand - Screened	03/26/26	14:09	21.83 Tons	21.83
Former Aerex Refinery	Four Corners Materials	217801325	#4 Minus Sand - Screened	03/27/26	8:48	22.26 Tons	22.26
Former Aerex Refinery	Four Corners Materials	217801327	#4 Minus Sand - Screened	03/27/26	8:58	22.05 Tons	22.05
Former Aerex Refinery	Four Corners Materials	217801328	#4 Minus Sand - Screened	03/27/26	9:01	21.81 Tons	21.81
Former Aerex Refinery	Four Corners Materials	217801329	#4 Minus Sand - Screened	03/27/26	9:04	22.69 Tons	22.69
Former Aerex Refinery	Four Corners Materials	217801336	#4 Minus Sand - Screened	03/27/26	10:53	22.41 Tons	22.41
Former Aerex Refinery	Four Corners Materials	217801344	#4 Minus Sand - Screened	03/27/26	11:02	22.67 Tons	22.67
Former Aerex Refinery	Four Corners Materials	217801345	#4 Minus Sand - Screened	03/27/26	11:04	22.67 Tons	22.67
Former Aerex Refinery	Four Corners Materials	217801346	#4 Minus Sand - Screened	03/27/26	11:06	22.15 Tons	22.15
Former Aerex Refinery	Four Corners Materials	217801378	#4 Minus Sand - Screened	03/30/26	13:33	22.82 Tons	22.82
Former Aerex Refinery	Four Corners Materials	217801379	#4 Minus Sand - Screened	03/30/26	13:39	22.95 Tons	22.95
Former Aerex Refinery	Four Corners Materials	217801381	#4 Minus Sand - Screened	03/30/26	14:15	21.92 Tons	21.92
Former Aerex Refinery	Four Corners Materials	217801382	#4 Minus Sand - Screened	03/30/26	14:28	22.86 Tons	22.86
Former Aerex Refinery	Four Corners Materials	217801388	#4 Minus Sand - Screened	03/31/26	9:05	22.39 Tons	22.39
Former Aerex Refinery	Four Corners Materials	217801389	#4 Minus Sand - Screened	03/31/26	9:07	22.74 Tons	22.74
Former Aerex Refinery	Four Corners Materials	217801390	#4 Minus Sand - Screened	03/31/26	9:09	23.20 Tons	23.20
Former Aerex Refinery	Four Corners Materials	217801391	#4 Minus Sand - Screened	03/31/26	9:11	22.05 Tons	22.05
Former Aerex Refinery	Four Corners Materials	217801397	#4 Minus Sand - Screened	03/31/26	11:02	22.48 Tons	22.48
Former Aerex Refinery	Four Corners Materials	217801398	#4 Minus Sand - Screened	03/31/26	11:08	23.23 Tons	23.23
Former Aerex Refinery	Four Corners Materials	217801399	#4 Minus Sand - Screened	03/31/26	11:13	22.55 Tons	22.55
Former Aerex Refinery	Four Corners Materials	217801400	#4 Minus Sand - Screened	03/31/26	11:19	22.05 Tons	22.05
Former Aerex Refinery	Four Corners Materials	217801405	#4 Minus Sand - Screened	03/31/26	13:09	22.39 Tons	22.39
Former Aerex Refinery	Four Corners Materials	217801406	#4 Minus Sand - Screened	03/31/26	13:12	22.52 Tons	22.52
Former Aerex Refinery	Four Corners Materials	217801407	#4 Minus Sand - Screened	03/31/26	13:17	22.27 Tons	22.27
Former Aerex Refinery	Four Corners Materials	217801408	#4 Minus Sand - Screened	03/31/26	13:22	22.05 Tons	22.05
Former Aerex Refinery	Four Corners Materials	217801420	#4 Minus Sand - Screened	03/31/26	15:10	22.39 Tons	22.39
Former Aerex Refinery	Four Corners Materials	217801421	#4 Minus Sand - Screened	03/31/26	15:13	21.92 Tons	21.92
Former Aerex Refinery	Four Corners Materials	217801426	#4 Minus Sand - Screened	04/02/26	8:35	22.73 Tons	22.73
Former Aerex Refinery	Four Corners Materials	217801427	#4 Minus Sand - Screened	04/02/26	8:37	22.57 Tons	22.57
Former Aerex Refinery	Four Corners Materials	217801428	#4 Minus Sand - Screened	04/02/26	8:45	22.43 Tons	22.43
Former Aerex Refinery	Four Corners Materials	217801430	#4 Minus Sand - Screened	04/02/26	9:05	22.43 Tons	22.43
Former Aerex Refinery	Four Corners Materials	217801431	#4 Minus Sand - Screened	04/02/26	10:30	22.30 Tons	22.30
Former Aerex Refinery	Four Corners Materials	217801432	#4 Minus Sand - Screened	04/02/26	10:34	22.26 Tons	22.26
Former Aerex Refinery	Four Corners Materials	217801433	#4 Minus Sand - Screened	04/02/26	10:53	22.47 Tons	22.47
Former Aerex Refinery	Four Corners Materials	217801434	#4 Minus Sand - Screened	04/02/26	11:02	22.30 Tons	22.30
Former Aerex Refinery	Four Corners Materials	217801437	#4 Minus Sand - Screened	04/02/26	12:46	22.20 Tons	22.20
Former Aerex Refinery	Four Corners Materials	217801438	#4 Minus Sand - Screened	04/02/26	12:48	22.95 Tons	22.95
Former Aerex Refinery	Four Corners Materials	217801439	#4 Minus Sand - Screened	04/02/26	12:53	22.50 Tons	22.50
Former Aerex Refinery	Four Corners Materials	217801440	#4 Minus Sand - Screened	04/02/26	13:01	22.26 Tons	22.26
Former Aerex Refinery	Four Corners Materials	217801448	#4 Minus Sand - Screened	04/02/26	14:24	22.45 Tons	22.45
Former Aerex Refinery	Four Corners Materials	217801449	#4 Minus Sand - Screened	04/02/26	14:26	22.42 Tons	22.42
Former Aerex Refinery	Four Corners Materials	217801451	#4 Minus Sand - Screened	04/02/26	14:45	21.98 Tons	21.98
Former Aerex Refinery	Four Corners Materials	217801452	#4 Minus Sand - Screened	04/02/26	14:48	22.66 Tons	22.66
Former Aerex Refinery	Four Corners Materials	217801453	#4 Minus Sand - Screened	04/02/26	14:57	22.01 Tons	22.01
Former Aerex Refinery	Four Corners Materials	217801454	#4 Minus Sand - Screened	04/02/26	15:04	22.45 Tons	22.45
Former Aerex Refinery	Four Corners Materials	217801455	#4 Minus Sand - Screened	04/02/26	15:07	21.91 Tons	21.91
Former Aerex Refinery	Four Corners Materials	217801456	#4 Minus Sand - Screened	04/02/26	15:13	22.10 Tons	22.10
Former Aerex Refinery	Four Corners Materials	217801458	#4 Minus Sand - Screened	04/03/26	9:03	22.11 Tons	22.11
Former Aerex Refinery	Four Corners Materials	217801459	#4 Minus Sand - Screened	04/03/26	9:06	22.23 Tons	22.23
Former Aerex Refinery	Four Corners Materials	217801460	#4 Minus Sand - Screened	04/03/26	9:08	21.99 Tons	21.99
Former Aerex Refinery	Four Corners Materials	217801461	#4 Minus Sand - Screened	04/03/26	9:11	21.68 Tons	21.68
Former Aerex Refinery	Four Corners Materials	217801462	#4 Minus Sand - Screened	04/03/26	9:13	21.95 Tons	21.95
Former Aerex Refinery	Four Corners Materials	217801463	#4 Minus Sand - Screened	04/03/26	9:14	22.02 Tons	22.02
Former Aerex Refinery	Four Corners Materials	217801464	#4 Minus Sand - Screened	04/03/26	9:16	21.99 Tons	21.99
Former Aerex Refinery	Four Corners Materials	217801465	#4 Minus Sand - Screened	04/03/26	9:17	22.01 Tons	22.01
Former Aerex Refinery	Four Corners Materials	217801466	#4 Minus Sand - Screened	04/03/26	10:09	22.21 Tons	22.21

2026 May Backfill Material Summary
Former Aerex Refinery, Bloomfield, New Mexico

Job Site	Vendor	Ticket #	Material	Date	Time	Quantity	Quantity Value
Former Aerex Refinery	Four Corners Materials	217801467	#4 Minus Sand - Screened	04/03/26	10:22	22.21 Tons	22.21
Former Aerex Refinery	Four Corners Materials	217801469	#4 Minus Sand - Screened	04/03/26	11:05	21.91 Tons	21.91
Former Aerex Refinery	Four Corners Materials	217801470	#4 Minus Sand - Screened	04/03/26	11:08	22.34 Tons	22.34
Former Aerex Refinery	Four Corners Materials	217801472	#4 Minus Sand - Screened	04/03/26	11:13	22.07 Tons	22.07
Former Aerex Refinery	Four Corners Materials	217801473	#4 Minus Sand - Screened	04/03/26	11:15	22.10 Tons	22.10
Former Aerex Refinery	Four Corners Materials	217801474	#4 Minus Sand - Screened	04/03/26	11:19	22.54 Tons	22.54
Former Aerex Refinery	Four Corners Materials	217801475	#4 Minus Sand - Screened	04/03/26	11:22	22.15 Tons	22.15
Former Aerex Refinery	Four Corners Materials	217801534	#4 Minus Sand - Screened	04/08/26	11:14	22.00 Tons	22.00
Former Aerex Refinery	Four Corners Materials	217801535	#4 Minus Sand - Screened	04/08/26	11:26	22.47 Tons	22.47
Former Aerex Refinery	Four Corners Materials	217801536	#4 Minus Sand - Screened	04/08/26	11:28	22.67 Tons	22.67
Former Aerex Refinery	Four Corners Materials	217801537	#4 Minus Sand - Screened	04/08/26	11:32	24.57 Tons	24.57
Former Aerex Refinery	Four Corners Materials	217801538	#4 Minus Sand - Screened	04/08/26	11:39	23.63 Tons	23.63
Former Aerex Refinery	Four Corners Materials	217801539	#4 Minus Sand - Screened	04/08/26	12:20	23.30 Tons	23.30
Former Aerex Refinery	Four Corners Materials	217801542	#4 Minus Sand - Screened	04/08/26	13:21	22.17 Tons	22.17
Former Aerex Refinery	Four Corners Materials	217801544	#4 Minus Sand - Screened	04/08/26	13:36	22.65 Tons	22.65
Former Aerex Refinery	Four Corners Materials	217801545	#4 Minus Sand - Screened	04/08/26	13:58	22.47 Tons	22.47
Former Aerex Refinery	Four Corners Materials	217801547	#4 Minus Sand - Screened	04/08/26	14:06	22.67 Tons	22.67
Former Aerex Refinery	Four Corners Materials	217801548	#4 Minus Sand - Screened	04/08/26	14:22	23.30 Tons	23.30
Former Aerex Refinery	Four Corners Materials	217801549	#4 Minus Sand - Screened	04/08/26	14:26	22.70 Tons	22.70
Former Aerex Refinery	Four Corners Materials	217801552	#4 Minus Sand - Screened	04/09/26	8:49	22.40 Tons	22.40
Former Aerex Refinery	Four Corners Materials	217801553	#4 Minus Sand - Screened	04/09/26	9:01	23.16 Tons	23.16
Former Aerex Refinery	Four Corners Materials	217801554	#4 Minus Sand - Screened	04/09/26	9:03	22.72 Tons	22.72
Former Aerex Refinery	Four Corners Materials	217801555	#4 Minus Sand - Screened	04/09/26	9:13	22.34 Tons	22.34
Former Aerex Refinery	Four Corners Materials	217801556	#4 Minus Sand - Screened	04/09/26	9:16	22.42 Tons	22.42
Former Aerex Refinery	Four Corners Materials	217801557	#4 Minus Sand - Screened	04/09/26	9:25	23.05 Tons	23.05
Former Aerex Refinery	Four Corners Materials	217801562	#4 Minus Sand - Screened	04/09/26	10:44	22.90 Tons	22.90
Former Aerex Refinery	Four Corners Materials	217801563	#4 Minus Sand - Screened	04/09/26	10:47	21.44 Tons	21.44
Former Aerex Refinery	Four Corners Materials	217801565	#4 Minus Sand - Screened	04/09/26	11:06	22.31 Tons	22.31
Former Aerex Refinery	Four Corners Materials	217801566	#4 Minus Sand - Screened	04/09/26	11:11	21.76 Tons	21.76
Former Aerex Refinery	Four Corners Materials	217801567	#4 Minus Sand - Screened	04/09/26	11:18	22.18 Tons	22.18
Former Aerex Refinery	Four Corners Materials	217801568	#4 Minus Sand - Screened	04/09/26	11:31	23.11 Tons	23.11
Former Aerex Refinery	Four Corners Materials	217801570	#4 Minus Sand - Screened	04/09/26	12:31	22.60 Tons	22.60
Former Aerex Refinery	Four Corners Materials	217801573	#4 Minus Sand - Screened	04/09/26	12:52	23.16 Tons	23.16
Former Aerex Refinery	Four Corners Materials	217801575	#4 Minus Sand - Screened	04/09/26	13:13	21.96 Tons	21.96
Former Aerex Refinery	Four Corners Materials	217801576	#4 Minus Sand - Screened	04/09/26	13:21	21.73 Tons	21.73
Former Aerex Refinery	Four Corners Materials	217801577	#4 Minus Sand - Screened	04/09/26	13:23	20.62 Tons	20.62
Former Aerex Refinery	Four Corners Materials	217801578	#4 Minus Sand - Screened	04/09/26	13:32	23.61 Tons	23.61
Former Aerex Refinery	Four Corners Materials	217801579	#4 Minus Sand - Screened	04/09/26	14:43	23.71 Tons	23.71
Former Aerex Refinery	Four Corners Materials	217801582	#4 Minus Sand - Screened	04/09/26	15:03	21.80 Tons	21.80
Former Aerex Refinery	Four Corners Materials	217801583	#4 Minus Sand - Screened	04/09/26	15:10	21.47 Tons	21.47
Former Aerex Refinery	Four Corners Materials	217801584	#4 Minus Sand - Screened	04/09/26	15:19	21.38 Tons	21.38
Former Aerex Refinery	Four Corners Materials	217801585	#4 Minus Sand - Screened	04/09/26	15:35	23.73 Tons	23.73
Former Aerex Refinery	Four Corners Materials	217801620	#4 Minus Sand - Screened	04/15/26	7:11	20.33 Tons	20.33
Former Aerex Refinery	Four Corners Materials	217801623	#4 Minus Sand - Screened	04/15/26	8:59	20.31 Tons	20.31
Former Aerex Refinery	Four Corners Materials	217901463	#4 Minus Sand - Screened	04/21/26	7:18	21.66 Tons	21.66
Former Aerex Refinery	Four Corners Materials	217901464	#4 Minus Sand - Screened	04/21/26	7:22	22.45 Tons	22.45
Former Aerex Refinery	Four Corners Materials	217901466	#4 Minus Sand - Screened	04/21/26	8:17	21.80 Tons	21.80
Former Aerex Refinery	Four Corners Materials	217901467	#4 Minus Sand - Screened	04/21/26	8:18	22.05 Tons	22.05
Former Aerex Refinery	Four Corners Materials	217801669	#4 Minus Sand - Screened	04/21/26	9:19	22.63 Tons	22.63
Former Aerex Refinery	Four Corners Materials	217801670	#4 Minus Sand - Screened	04/21/26	9:21	22.18 Tons	22.18
Former Aerex Refinery	Four Corners Materials	217801671	#4 Minus Sand - Screened	04/21/26	10:19	22.66 Tons	22.66
Former Aerex Refinery	Four Corners Materials	217801672	#4 Minus Sand - Screened	04/21/26	10:24	23.02 Tons	23.02
Former Aerex Refinery	Four Corners Materials	217801674	#4 Minus Sand - Screened	04/21/26	11:16	23.11 Tons	23.11
Former Aerex Refinery	Four Corners Materials	217801675	#4 Minus Sand - Screened	04/21/26	11:18	23.02 Tons	23.02
Former Aerex Refinery	Four Corners Materials	217801680	#4 Minus Sand - Screened	04/21/26	12:14	22.48 Tons	22.48
Former Aerex Refinery	Four Corners Materials	217801683	#4 Minus Sand - Screened	04/21/26	12:19	23.02 Tons	23.02
Former Aerex Refinery	Four Corners Materials	217801686	#4 Minus Sand - Screened	04/21/26	13:09	23.11 Tons	23.11
Former Aerex Refinery	Four Corners Materials	217801688	#4 Minus Sand - Screened	04/21/26	13:15	23.02 Tons	23.02
Former Aerex Refinery	Four Corners Materials	217801694	#4 Minus Sand - Screened	04/21/26	14:08	22.96 Tons	22.96
Former Aerex Refinery	Four Corners Materials	217801695	#4 Minus Sand - Screened	04/21/26	14:11	23.02 Tons	23.02
Former Aerex Refinery	Four Corners Materials	217801699	#4 Minus Sand - Screened	04/21/26	15:07	23.02 Tons	23.02
Former Aerex Refinery	Four Corners Materials	217801700	#4 Minus Sand - Screened	04/21/26	15:09	23.11 Tons	23.11
Former Aerex Refinery	Four Corners Materials	217801701	#4 Minus Sand - Screened	04/21/26	16:08	22.87 Tons	22.87
Former Aerex Refinery	Four Corners Materials	217801702	#4 Minus Sand - Screened	04/21/26	16:10	22.78 Tons	22.78
Former Aerex Refinery	Four Corners Materials	217901531	#4 Minus Sand Screened 13005	04/29/26		22.61 Tons	22.61
Former Aerex Refinery	Four Corners Materials	217901532	#4 Minus Sand Screened 13005	04/29/26		21.99 Tons	21.99
Former Aerex Refinery	Four Corners Materials	217901533	#4 Minus Sand Screened 13005	04/29/26		21.19 Tons	21.19

2026 May Backfill Material Summary
Former Aerex Refinery, Bloomfield, New Mexico

Job Site	Vendor	Ticket #	Material	Date	Time	Quantity	Quantity Value
Former Aerex Refinery	Four Corners Materials	217901534	#4 Minus Sand Screened 13005	04/29/26		21.25 Tons	21.25
Former Aerex Refinery	Four Corners Materials	217901535	#4 Minus Sand Screened 13005	04/29/26		21.91 Tons	21.91
Former Aerex Refinery	Four Corners Materials	217901536	#4 Minus Sand Screened 13005	04/29/26		22.51 Tons	22.51
Former Aerex Refinery	Four Corners Materials	217901537	#4 Minus Sand Screened 13005	04/29/26		22.25 Tons	22.25
Former Aerex Refinery	Four Corners Materials	217901538	#4 Minus Sand Screened 13005	04/29/26		22.23 Tons	22.23
Former Aerex Refinery	Four Corners Materials	217901539	#4 Minus Sand Screened 13005	04/29/26		21.12 Tons	21.12
Former Aerex Refinery	Four Corners Materials	217901540	#4 Minus Sand Screened 13005	04/29/26		21.84 Tons	21.84
Former Aerex Refinery	Four Corners Materials	217901544	#4 Minus Sand Screened 13005	04/29/26		21.36 Tons	21.36
Former Aerex Refinery	Four Corners Materials	217901545	#4 Minus Sand Screened 13005	04/29/26		21.5 Tons	21.50
Former Aerex Refinery	Four Corners Materials	217901546	#4 Minus Sand Screened 13005	04/29/26		21.38 Tons	21.38
Former Aerex Refinery	Four Corners Materials	217901547	#4 Minus Sand Screened 13005	04/30/26		21.28 Tons	21.28
Former Aerex Refinery	Four Corners Materials	217901548	#4 Minus Sand Screened 13005	04/30/26		22.07 Tons	22.07
Former Aerex Refinery	Four Corners Materials	217901552	#4 Minus Sand Screened 13005	04/30/26		21.37 Tons	21.37
Former Aerex Refinery	Four Corners Materials	217901553	#4 Minus Sand Screened 13005	04/30/26		22.11 Tons	22.11
Former Aerex Refinery	Four Corners Materials	217901555	#4 Minus Sand Screened 13005	04/30/26		21.48 Tons	21.48
Former Aerex Refinery	Four Corners Materials	217901556	#4 Minus Sand Screened 13005	04/30/26		22.09 Tons	22.09
Former Aerex Refinery	Four Corners Materials	217901558	#4 Minus Sand Screened 13005	04/30/26		21.29 Tons	21.29
Former Aerex Refinery	Four Corners Materials	217901560	#4 Minus Sand Screened 13005	04/30/26		21.75 Tons	21.75
Former Aerex Refinery	Four Corners Materials	217901561	#4 Minus Sand Screened 13005	04/30/26		21.66 Tons	21.66
Former Aerex Refinery	Four Corners Materials	217901562	#4 Minus Sand Screened 13005	04/30/26		21.65 Tons	21.65
Former Aerex Refinery	Four Corners Materials	217901564	#4 Minus Sand Screened 13005	04/30/26		22.98 Tons	22.98
Former Aerex Refinery	Four Corners Materials	217901565	#4 Minus Sand Screened 13005	04/30/26		22.71 Tons	22.71
Former Aerex Refinery	Four Corners Materials	217901566	#4 Minus Sand Screened 13005	04/30/26		22 Tons	22.00
Former Aerex Refinery	Four Corners Materials	217901567	#4 Minus Sand Screened 13005	04/30/26		21.9 Tons	21.90
Former Aerex Refinery	Four Corners Materials	217901568	#4 Minus Sand Screened 13005	04/30/26		22.47 Tons	22.47
Former Aerex Refinery	Four Corners Materials	217801231	1 1/2" Rock - Crushed	03/24/26	9:28	22.02 Tons	22.02
Former Aerex Refinery	Four Corners Materials	217801232	1 1/2" Rock - Crushed	03/24/26	9:35	22.26 Tons	22.26
Former Aerex Refinery	Four Corners Materials	217801233	1 1/2" Rock - Crushed	03/24/26	9:42	22.27 Tons	22.27
Former Aerex Refinery	Four Corners Materials	217801234	1 1/2" Rock - Crushed	03/24/26	9:55	22.07 Tons	22.07
Former Aerex Refinery	Four Corners Materials	217801235	1 1/2" Rock - Crushed	03/24/26	9:58	22.51 Tons	22.51
Former Aerex Refinery	Four Corners Materials	217801237	1 1/2" Rock - Crushed	03/24/26	10:01	22.49 Tons	22.49
Former Aerex Refinery	Four Corners Materials	217801238	1 1/2" Rock - Crushed	03/24/26	10:03	22.35 Tons	22.35
Former Aerex Refinery	Four Corners Materials	217801239	1 1/2" Rock - Crushed	03/24/26	10:05	22.45 Tons	22.45
Former Aerex Refinery	Four Corners Materials	217801242	1 1/2" Rock - Crushed	03/24/26	10:46	22.47 Tons	22.47
Former Aerex Refinery	Four Corners Materials	217801243	1 1/2" Rock - Crushed	03/24/26	10:48	22.25 Tons	22.25
Former Aerex Refinery	Four Corners Materials	217801244	1 1/2" Rock - Crushed	03/24/26	10:50	22.04 Tons	22.04
Former Aerex Refinery	Four Corners Materials	217801245	1 1/2" Rock - Crushed	03/24/26	10:58	22.06 Tons	22.06
Former Aerex Refinery	Four Corners Materials	217801246	1 1/2" Rock - Crushed	03/24/26	11:02	22.07 Tons	22.07
Former Aerex Refinery	Four Corners Materials	217801247	1 1/2" Rock - Crushed	03/24/26	11:11	21.92 Tons	21.92
Former Aerex Refinery	Four Corners Materials	217801248	1 1/2" Rock - Crushed	03/24/26	11:19	21.71 Tons	21.71
Former Aerex Refinery	Four Corners Materials	217801249	1 1/2" Rock - Crushed	03/24/26	11:21	22.11 Tons	22.11
Former Aerex Refinery	Four Corners Materials	217801250	1 1/2" Rock - Crushed	03/24/26	11:41	22.45 Tons	22.45
Former Aerex Refinery	Four Corners Materials	217801251	1 1/2" Rock - Crushed	03/24/26	11:44	22.25 Tons	22.25
Former Aerex Refinery	Four Corners Materials	217801252	1 1/2" Rock - Crushed	03/24/26	11:51	22.17 Tons	22.17
Former Aerex Refinery	Four Corners Materials	217801253	1 1/2" Rock - Crushed	03/24/26	11:54	22.25 Tons	22.25
Former Aerex Refinery	Four Corners Materials	217801254	1 1/2" Rock - Crushed	03/24/26	12:07	22.02 Tons	22.02
Former Aerex Refinery	Four Corners Materials	217801256	1 1/2" Rock - Crushed	03/24/26	12:16	21.95 Tons	21.95
Former Aerex Refinery	Four Corners Materials	217801257	1 1/2" Rock - Crushed	03/24/26	12:19	22.25 Tons	22.25
Former Aerex Refinery	Four Corners Materials	217801258	1 1/2" Rock - Crushed	03/24/26	12:21	22.56 Tons	22.56
Former Aerex Refinery	Four Corners Materials	217801259	1 1/2" Rock - Crushed	03/24/26	12:38	22.33 Tons	22.33
Former Aerex Refinery	Four Corners Materials	217801260	1 1/2" Rock - Crushed	03/24/26	12:48	21.95 Tons	21.95
Former Aerex Refinery	Four Corners Materials	217801261	1 1/2" Rock - Crushed	03/24/26	12:52	22.15 Tons	22.15
Former Aerex Refinery	Four Corners Materials	217801262	1 1/2" Rock - Crushed	03/24/26	13:18	22.18 Tons	22.18
Former Aerex Refinery	Four Corners Materials	217801263	1 1/2" Rock - Crushed	03/24/26	13:25	22.07 Tons	22.07
Former Aerex Refinery	Four Corners Materials	217801264	1 1/2" Rock - Crushed	03/24/26	13:49	22.01 Tons	22.01
Former Aerex Refinery	Four Corners Materials	217801265	1 1/2" Rock - Crushed	03/24/26	13:51	22.18 Tons	22.18
Former Aerex Refinery	Four Corners Materials	217801266	1 1/2" Rock - Crushed	03/24/26	13:53	22.25 Tons	22.25
Former Aerex Refinery	Four Corners Materials	217801267	1 1/2" Rock - Crushed	03/24/26	14:02	22.09 Tons	22.09
Former Aerex Refinery	Four Corners Materials	217801268	1 1/2" Rock - Crushed	03/24/26	14:16	22.16 Tons	22.16
Former Aerex Refinery	Four Corners Materials	217801269	1 1/2" Rock - Crushed	03/24/26	14:24	22.25 Tons	22.25
Former Aerex Refinery	Four Corners Materials	217801270	1 1/2" Rock - Crushed	03/24/26	14:28	21.80 Tons	21.80
Former Aerex Refinery	Four Corners Materials	217801273	1 1/2" Rock - Crushed	03/24/26	15:00	21.85 Tons	21.85
Former Aerex Refinery	Four Corners Materials	217901152	1" Road Base	03/25/26	8:18	23.82 Tons	23.82
Former Aerex Refinery	Four Corners Materials	217901153	1" Road Base	03/25/26	9:13	22.76 Tons	22.76
Former Aerex Refinery	Four Corners Materials	217901154	1" Road Base	03/25/26	9:15	23.59 Tons	23.59
Former Aerex Refinery	Four Corners Materials	217901155	1" Road Base	03/25/26	9:17	23.66 Tons	23.66
Former Aerex Refinery	Four Corners Materials	217901156	1" Road Base	03/25/26	9:19	22.31 Tons	22.31

2026 May Backfill Material Summary
Former Aerex Refinery, Bloomfield, New Mexico

Job Site	Vendor	Ticket #	Material	Date	Time	Quantity	Quantity Value
Former Aerex Refinery	Four Corners Materials	217901157	1" Road Base	03/25/26	9:21	23.18 Tons	23.18
Former Aerex Refinery	Four Corners Materials	217901158	1" Road Base	03/25/26	9:22	23.16 Tons	23.16
Former Aerex Refinery	Four Corners Materials	217901159	1" Road Base	03/25/26	9:24	22.61 Tons	22.61
Former Aerex Refinery	Four Corners Materials	217901162	1" Road Base	03/25/26	9:32	22.72 Tons	22.72
Former Aerex Refinery	Four Corners Materials	217901167	1" Road Base	03/25/26	11:30	23.16 Tons	23.16
Former Aerex Refinery	Four Corners Materials	217901168	1" Road Base	03/25/26	11:32	22.80 Tons	22.80
Former Aerex Refinery	Four Corners Materials	217901169	1" Road Base	03/25/26	11:33	23.10 Tons	23.10
Former Aerex Refinery	Four Corners Materials	217901170	1" Road Base	03/25/26	11:37	23.07 Tons	23.07
Former Aerex Refinery	Four Corners Materials	217901171	1" Road Base	03/25/26	11:39	22.70 Tons	22.70
Former Aerex Refinery	Four Corners Materials	217901172	1" Road Base	03/25/26	11:40	22.77 Tons	22.77
Former Aerex Refinery	Four Corners Materials	217901173	1" Road Base	03/25/26	11:43	23.42 Tons	23.42
Former Aerex Refinery	Four Corners Materials	217901175	1" Road Base	03/25/26	11:46	22.81 Tons	22.81
Former Aerex Refinery	Four Corners Materials	217901181	1" Road Base	03/25/26	13:27	22.70 Tons	22.70
Former Aerex Refinery	Four Corners Materials	217901182	1" Road Base	03/25/26	13:29	23.12 Tons	23.12
Former Aerex Refinery	Four Corners Materials	217901183	1" Road Base	03/25/26	13:32	23.29 Tons	23.29
Former Aerex Refinery	Four Corners Materials	217901184	1" Road Base	03/25/26	13:36	22.73 Tons	22.73
Former Aerex Refinery	Four Corners Materials	217901185	1" Road Base	03/25/26	13:39	21.93 Tons	21.93
Former Aerex Refinery	Four Corners Materials	217901186	1" Road Base	03/25/26	13:43	22.11 Tons	22.11
Former Aerex Refinery	Four Corners Materials	217901187	1" Road Base	03/25/26	13:44	22.77 Tons	22.77
Former Aerex Refinery	Four Corners Materials	217901196	1" Road Base	03/25/26	15:07	23.13 Tons	23.13
Former Aerex Refinery	Four Corners Materials	217901197	1" Road Base	03/25/26	15:11	23.49 Tons	23.49
Former Aerex Refinery	Four Corners Materials	217901206	1" Road Base	03/26/26	9:19	22.62 Tons	22.62
Former Aerex Refinery	Four Corners Materials	217901207	1" Road Base	03/26/26	9:21	23.14 Tons	23.14
Former Aerex Refinery	Four Corners Materials	217901210	1" Road Base	03/26/26	9:33	23.25 Tons	23.25
Former Aerex Refinery	Four Corners Materials	217901211	1" Road Base	03/26/26	9:37	22.57 Tons	22.57
Former Aerex Refinery	Four Corners Materials	217901219	1" Road Base	03/26/26	11:04	21.91 Tons	21.91
Former Aerex Refinery	Four Corners Materials	217901220	1" Road Base	03/26/26	11:06	22.15 Tons	22.15
Former Aerex Refinery	Four Corners Materials	217901222	1" Road Base	03/26/26	11:10	23.36 Tons	23.36
Former Aerex Refinery	Four Corners Materials	217901223	1" Road Base	03/26/26	11:18	22.51 Tons	22.51
Former Aerex Refinery	Four Corners Materials	217901227	1" Road Base	03/26/26	12:41	23.53 Tons	23.53
Former Aerex Refinery	Four Corners Materials	217901228	1" Road Base	03/26/26	12:53	23.08 Tons	23.08
Former Aerex Refinery	Four Corners Materials	217901230	1" Road Base	03/26/26	12:58	23.28 Tons	23.28
Former Aerex Refinery	Four Corners Materials	217901231	1" Road Base	03/26/26	13:01	23.48 Tons	23.48
Former Aerex Refinery	Four Corners Materials	217901236	1" Road Base	03/26/26	14:23	22.07 Tons	22.07
Former Aerex Refinery	Four Corners Materials	217901237	1" Road Base	03/26/26	14:47	21.58 Tons	21.58
Former Aerex Refinery	Four Corners Materials	217901238	1" Road Base	03/26/26	14:48	23.19 Tons	23.19
Former Aerex Refinery	Four Corners Materials	217901239	1" Road Base	03/26/26	14:52	22.06 Tons	22.06
Former Aerex Refinery	Four Corners Materials	217901240	1" Road Base	03/27/26	8:42	22.63 Tons	22.63
Former Aerex Refinery	Four Corners Materials	217901241	1" Road Base	03/27/26	8:46	21.06 Tons	21.06
Former Aerex Refinery	Four Corners Materials	217901242	1" Road Base	03/27/26	8:51	23.13 Tons	23.13
Former Aerex Refinery	Four Corners Materials	217901243	1" Road Base	03/27/26	9:04	23.44 Tons	23.44
Former Aerex Refinery	Four Corners Materials	217901246	1" Road Base	03/27/26	10:25	22.12 Tons	22.12
Former Aerex Refinery	Four Corners Materials	217901247	1" Road Base	03/27/26	10:31	23.11 Tons	23.11
Former Aerex Refinery	Four Corners Materials	217901248	1" Road Base	03/27/26	10:36	22.14 Tons	22.14
Former Aerex Refinery	Four Corners Materials	217901249	1" Road Base	03/27/26	10:50	22.13 Tons	22.13
Former Aerex Refinery	Four Corners Materials	217901276	1" Road Base	03/30/26	13:40	21.15 Tons	21.15
Former Aerex Refinery	Four Corners Materials	217901283	1" Road Base	03/30/26	14:33	21.91 Tons	21.91
Former Aerex Refinery	Four Corners Materials	217901284	1" Road Base	03/30/26	14:38	22.81 Tons	22.81
Former Aerex Refinery	Four Corners Materials	217901287	1" Road Base	03/30/26	14:45	22.82 Tons	22.82
Former Aerex Refinery	Four Corners Materials	217901291	1" Road Base	03/30/26	15:22	21.73 Tons	21.73
Former Aerex Refinery	Four Corners Materials	217901296	1" Road Base	03/31/26	8:52	22.82 Tons	22.82
Former Aerex Refinery	Four Corners Materials	217901297	1" Road Base	03/31/26	8:57	23.35 Tons	23.35
Former Aerex Refinery	Four Corners Materials	217901298	1" Road Base	03/31/26	9:00	23.27 Tons	23.27
Former Aerex Refinery	Four Corners Materials	217901299	1" Road Base	03/31/26	9:02	20.88 Tons	20.88
Former Aerex Refinery	Four Corners Materials	217901303	1" Road Base	03/31/26	10:24	22.72 Tons	22.72
Former Aerex Refinery	Four Corners Materials	217901304	1" Road Base	03/31/26	10:40	22.13 Tons	22.13
Former Aerex Refinery	Four Corners Materials	217901306	1" Road Base	03/31/26	10:49	22.58 Tons	22.58
Former Aerex Refinery	Four Corners Materials	217901307	1" Road Base	03/31/26	10:56	22.45 Tons	22.45
Former Aerex Refinery	Four Corners Materials	217901311	1" Road Base	03/31/26	12:01	22.49 Tons	22.49
Former Aerex Refinery	Four Corners Materials	217901314	1" Road Base	03/31/26	12:21	22.79 Tons	22.79
Former Aerex Refinery	Four Corners Materials	217901315	1" Road Base	03/31/26	12:33	23.12 Tons	23.12
Former Aerex Refinery	Four Corners Materials	217901320	1" Road Base	03/31/26	13:46	22.73 Tons	22.73
Former Aerex Refinery	Four Corners Materials	217901321	1" Road Base	03/31/26	14:12	22.60 Tons	22.60
Former Aerex Refinery	Four Corners Materials	217901323	1" Road Base	03/31/26	14:30	22.25 Tons	22.25
Former Aerex Refinery	Four Corners Materials	217901324	1" Road Base	03/31/26	14:36	22.94 Tons	22.94
Former Aerex Refinery	Four Corners Materials	217901327	1" Road Base	03/31/26	15:20	21.75 Tons	21.75
Former Aerex Refinery	Four Corners Materials	217901339	1" Road Base	04/02/26	8:31	22.39 Tons	22.39

2026 May Backfill Material Summary
Former Aerex Refinery, Bloomfield, New Mexico

Job Site	Vendor	Ticket #	Material	Date	Time	Quantity	Quantity Value
Former Aerex Refinery	Four Corners Materials	217901340	1" Road Base	04/02/26	8:32	23.12 Tons	23.12
Former Aerex Refinery	Four Corners Materials	217901341	1" Road Base	04/02/26	8:41	22.27 Tons	22.27
Former Aerex Refinery	Four Corners Materials	217901342	1" Road Base	04/02/26	10:09	22.35 Tons	22.35
Former Aerex Refinery	Four Corners Materials	217901343	1" Road Base	04/02/26	10:11	22.31 Tons	22.31
Former Aerex Refinery	Four Corners Materials	217901344	1" Road Base	04/02/26	10:46	22.52 Tons	22.52
Former Aerex Refinery	Four Corners Materials	217901346	1" Road Base	04/02/26	12:11	21.73 Tons	21.73
Former Aerex Refinery	Four Corners Materials	217901347	1" Road Base	04/02/26	12:14	22.44 Tons	22.44
Former Aerex Refinery	Four Corners Materials	217901348	1" Road Base	04/02/26	12:16	22.16 Tons	22.16
Former Aerex Refinery	Four Corners Materials	217901349	1" Road Base	04/02/26	12:46	22.57 Tons	22.57
Former Aerex Refinery	Four Corners Materials	217901441	1" Road Base	04/20/26	7:41	22.40 Tons	22.40
Former Aerex Refinery	Four Corners Materials	217901442	1" Road Base	04/20/26	7:44	20.96 Tons	20.96
Former Aerex Refinery	Four Corners Materials	217901443	1" Road Base	04/20/26	8:40	21.89 Tons	21.89
Former Aerex Refinery	Four Corners Materials	217901444	1" Road Base	04/20/26	8:42	20.93 Tons	20.93
Former Aerex Refinery	Four Corners Materials	217901445	1" Road Base	04/20/26	9:33	20.38 Tons	20.38
Former Aerex Refinery	Four Corners Materials	217901446	1" Road Base	04/20/26	9:39	20.71 Tons	20.71
Former Aerex Refinery	Four Corners Materials	217901447	1" Road Base	04/20/26	10:24	21.63 Tons	21.63
Former Aerex Refinery	Four Corners Materials	217901448	1" Road Base	04/20/26	10:45	22.16 Tons	22.16
Former Aerex Refinery	Four Corners Materials	217901449	1" Road Base	04/20/26	11:17	20.88 Tons	20.88
Former Aerex Refinery	Four Corners Materials	217901450	1" Road Base	04/20/26	11:47	21.37 Tons	21.37
Former Aerex Refinery	Four Corners Materials	217901451	1" Road Base	04/20/26	12:11	22.76 Tons	22.76
Former Aerex Refinery	Four Corners Materials	217901452	1" Road Base	04/20/26	12:42	21.27 Tons	21.27
Former Aerex Refinery	Four Corners Materials	217901453	1" Road Base	04/20/26	13:05	21.88 Tons	21.88
Former Aerex Refinery	Four Corners Materials	217901454	1" Road Base	04/20/26	13:40	22.26 Tons	22.26
Former Aerex Refinery	Four Corners Materials	217901455	1" Road Base	04/20/26	13:56	21.84 Tons	21.84
Former Aerex Refinery	Four Corners Materials	217901457	1" Road Base	04/20/26	14:33	21.65 Tons	21.65
Former Aerex Refinery	Four Corners Materials	217901458	1" Road Base	04/20/26	14:49	21.99 Tons	21.99
Former Aerex Refinery	Four Corners Materials	217901459	1" Road Base	04/20/26	15:27	21.22 Tons	21.22
Former Aerex Refinery	Four Corners Materials	217901461	1" Road Base	04/20/26	15:48	21.48 Tons	21.48
Former Aerex Refinery	Four Corners Materials	217901462	1" Road Base	04/20/26	16:23	22.29 Tons	22.29
Former Aerex Refinery	Four Corners Materials	SPFY8645	Enriched Topsoil	03/30/26	8:00	30 Cubic Yards	30.00
Former Aerex Refinery	Four Corners Materials	SPFY8646	Enriched Topsoil	03/30/26	8:02	30 Cubic Yards	30.00
Former Aerex Refinery	Four Corners Materials	SPFY8647	Enriched Topsoil	03/30/26	8:04	30 Cubic Yards	30.00
Former Aerex Refinery	Four Corners Materials	SPFY8648	Enriched Topsoil	03/30/26	8:06	30 Cubic Yards	30.00
Former Aerex Refinery	Four Corners Materials	SPFY8650	Enriched Topsoil	03/30/26	8:08	30 Cubic Yards	30.00
Former Aerex Refinery	Four Corners Materials	SPFY8651	Enriched Topsoil	03/30/26	8:10	30 Cubic Yards	30.00
Former Aerex Refinery	Four Corners Materials	SPFY8652	Enriched Topsoil	03/30/26	8:12	30 Cubic Yards	30.00
Former Aerex Refinery	Four Corners Materials	SPFY8653	Enriched Topsoil	03/30/26	8:14	30 Cubic Yards	30.00

Material and Date	Total
#4 Minus Sand - Screened	**2,937**
03/26/26	268
03/27/26	179
03/30/26	91
03/31/26	314
04/02/26	447
04/03/26	354
04/08/26	275
04/09/26	516
04/15/26	41
04/21/26	454
#4 Minus Sand Screened 13005	**612**
04/29/26	283
04/30/26	329
1 1/2" Rock - Crushed	**820**
03/24/26	820
1" Road Base	**2,268**
03/25/26	597
03/26/26	364
03/27/26	180
03/30/26	110
03/31/26	361
04/02/26	224
04/20/26	432
Enriched Topsoil	**240**
03/30/26	240

Appendix F

Geotechnical Soil Testing Reports

QUALITY CONTROL DEPARTMENT
210 ROAD 390
FARMINGTON, NEW MEXICO 87401

Sample I.D. Number:	208	**Material Supplier:**	**FCM**
Job Name:	**Aztec QC**	**Sample Location:**	**Stockpile**
Job #:	**001107**	**Sampled By:**	**Anthony Dickson**
Job Location:	**New Mexico**	**Sample Date:**	**5/23/2022**
Aggregate ID.	**1-1/2" Rock Crushed**	**Tested By / Date:**	**Anthony Dickson 5/23/2022**
Aggregate Source:	**Aztec**	**Reported By:**	**Wes Benallie**
Testing Required:	**Circle: AASHTO T27, ASTM C 136, AASHTO T11, ASTM C 117, ASTM D5821, ASTM C29, NMDOT FF-1**		

Physical Properties of Aggregate

Gradation Analysis

Wet Weight of Moisture Sample :	6240.3
Dry Weight of Moisture Sample:	6235.1
Calculated Percent Moisture :	0.10
Sample Wet Weight Before Wash:	5815.1
Sample Dry Weight Before Wash:	5809.2
Sample Dry Weight After Wash:	5759.5

SIEVE #	WT RETAINED	% RETAINED	% PASSING	Specification
2"				**100**
1-1/2/"	**0.0**	**0.0**	**100**	**90-100**
1"	**2171.6**	**37.4**	**63**	**20-75**
3/4"	**4932.6**	**84.9**	**15**	**5-40**
1/2"	**5502.2**	**94.7**	**5**	**0-10**
3/8"	**5598.1**	**96.4**	**4**	**0-5**
#4	**5677.0**	**97.7**	**2**	
#8	**5700.0**	**98.1**	**2**	
#16	**5709.8**	**98.3**	**2**	
#30	**5715.8**	**98.4**	**2**	
#50	**5725.9**	**98.6**	**1**	
#100	**5735.4**	**98.7**	**1**	
#200	**5748.2**	**98.9**	**1.1**	
PAN	**5759.3**			

Fractured Face

Sample I.D:	1	2	
Total Sample:	2545.2	2545.2	
Total wt 1 Fracture:	2234.6	2234.6	
Total wt 2 Fractures:	2051.4	2051.4	
Avg. % 1 Fracture:	88		
Avg. % 2 Fractures:	80		
Specification:	**75 MIN**		

Flat and Elongated

Sample Run	1	2	Avg.
Total Sample:			
Total Flat & Elongated:			
% Flat & Elongated:			
Avg. % Flat & Elongated:			
Specification:			

Coarse Aggregate Specific Gravity Test

Sample I.D:			
Oven Dry Weight:			
SSD Weight:			
Weight in Water:			
Bulk Sp. Gr.:			
Bulk SSD Sp. Gr.:			
Apparent Sp. Gr.:			
Absorption (%):			

COMMENTS/DEVIATIONS FROM STANDARD:

FOUR CORNERS MATERIALS
A CRH COMPANY

QUALITY CONTROL DEPARTMENT
210 ROAD 390
FARMINGTON, NEW MEXICO 87401

Sample I.D. Number:	418	**Material Supplier:**	FCM
Job Name:	Aztec QC	**Sample Location:**	Stockpile
Job #:	001107	**Sampled By:**	Kylie Renken
Job Location:	New Mexico	**Sample Date:**	6/10/2025
Aggregate ID.	13075 / Minus #4 Sand Screened	**Tested By / Tested Date:**	Kylie Renken 6/10/2025
Aggregate Source:	Aztec Pit	**Reported By:**	Wes Benallie
Testing Required:	Circle: ASTM C 136, C 117 AASHTO T 27, T 11, CP 31A Method _____ CP 31B ASTM D 4318, AASHTO T89, T 90		

Physical Properties of Aggregate

GRADATION ANALYSIS

Wet Weight of Moisture Sample :	820.4
Dry Weight of Moisture Sample:	802.7
Calculated Percent Moisture :	2.2 %
Sample Wet Weight Before Wash:	818.4
Sample Dry Weight Before Wash:	800.8
Sample Dry Weight After Wash:	733.6

SIEVE #	WT RETAINED	% RETAINED	% PASSING	Specification
1/2"	0.0	0	100	
3/8"	7.0	0.9	99	
#4	54.4	6.8	93	
#8	94.8	11.8	88	
#16	138.5	17.3	83	
#30	282.5	35.3	65	
#50	569.5	71.1	29	
#100	685.3	85.6	14	
#200	726.1	90.7	9.3	
PAN	732.8			

PLASTICITY INDEX

Liquid Limit

Container:			
No. of Taps:			
Total Weight:			
Container Tare:			
Wet Sample Weight:			
Total Dry Weight:			
Container Tare:			
Dry Sample Weight:			
% Moisture:			
LL:			
Average / Spec.:			

Plastic Limit

Container:			
Total Weight:			
Container Tare:			
Wet Sample Weight:			
Total Dry Weight:			
Container Tare:			
Dry Sample Weight:			
PL:			
% Moisture:			
Average / Spec:			
Plasticity Index / Spec:			

COMMENTS:

FOUR CORNERS MATERIALS

QUALITY CONTROL DEPARTMENT
210 ROAD 390
FARMINGTON, NEW MEXICO 87401

Sample I.D. Number:	208	Material Supplier:	FCM
Job Name:	Aztec QC	Sample Location:	Stockpile
Job #:	001107	Sampled By:	Anthony Dickson
Job Location:	New Mexico	Sample Date:	5/23/2022
Aggregate ID.	1-1/2" Rock Crushed	Tested By / Date:	Anthony Dickson 5/23/2022
Aggregate Source:	Aztec	Reported By:	Wes Benallie
Testing Required:	Circle: AASHTO T27, ASTM C 136, AASHTO T11, ASTM C 117, ASTM D5821, ASTM C29, NMDOT FF-1		

Physical Properties of Aggregate

Gradation Analysis

Wet Weight of Moisture Sample :	6240.3
Dry Weight of Moisture Sample:	6235.1
Calculated Percent Moisture :	0.10
Sample Wet Weight Before Wash:	5815.1
Sample Dry Weight Before Wash:	5809.2
Sample Dry Weight After Wash:	5759.5

SIEVE #	WT RETAINED	% RETAINED	% PASSING	Specification
2"				100
1-1/2"	0.0	0.0	100	90-100
1"	2171.6	37.4	63	20-75
3/4"	4932.6	84.9	15	5-40
1/2"	5502.2	94.7	5	0-10
3/8"	5598.1	96.4	4	0-5
#4	5677.0	97.7	2	
#8	5700.0	98.1	2	
#16	5709.8	98.3	2	
#30	5715.8	98.4	2	
#50	5725.9	98.6	1	
#100	5735.4	98.7	1	
#200	5748.2	98.9	1.1	
PAN	5759.3			

Fractured Face

Sample I.D:	1	2	
Total Sample:	2545.2	2545.2	
Total wt 1 Fracture:	2234.6	2234.6	
Total wt 2 Fractures:	2051.4	2051.4	
Avg. % 1 Fracture:	88		
Avg. % 2 Fractures:	80		
Specification:	75 MIN		

Flat and Elongated

Sample Run	1	2	Avg.
Total Sample:			
Total Flat & Elongated:			
% Flat & Elongated:			
Avg. % Flat & Elongated:			
Specification:			

Coarse Aggregate Specific Gravity Test

Sample I.D:			
Oven Dry Weight:			
SSD Weight:			
Weight in Water:			
Bulk Sp. Gr.:			
Bulk SSD Sp. Gr.:			
Apparent Sp. Gr.:			
Absorption (%):			

COMMENTS/DEVIATIONS FROM STANDARD:

Base Course Test Report

Project	NMDOT Base Course Submittal	Report Date	8/15/2024
Client	**Four Corners Materials**	Sample Date	8/9/2024
Address	**PO Box 16**	Sampled By	Client
	Farmington, NM 87499	Material Tested	NMDOT Base Course
		Date Tested	8/12/24 - 8/13/24
		Tested By	James A/Mary P/Ariel L
Specifications		Visual Description	
Sample received	8/9/2024	Sample Location	Stockpile
Laboratory #	LL24-1258	Sample Source	Crouch Mesa-Farmington NM

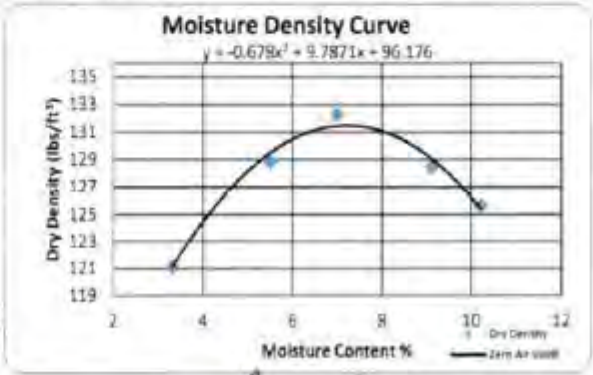
Sieve Analysis

C-117 & C136/T-11 & T-27

Sieve Size	% Passing	Specs
6" (150mm)		
3" (75mm)		
2" (50mm)		
1.5" (37.5mm)		
1" (25mm)	100	
3/4" (19mm)	91	
1/2" (12.5mm)	68	
3/8" (9mm)	59	
#4 (4.75mm)	47	
#8 (2.36mm)	42	
#10 (2mm)	41	
#16 (1.18mm)		
#30 (0.6mm)		
#40 (0.425mm)	17	
#50 (0.3mm)		
#80 (0.18mm)	11	
#100 (0.15mm)	8	
#200 (0.75mm)	5.5	

Test Results

Standard	Physical Properties		Results	Specs
T-180	Proctor	Max Density, (lbs/ft³)	131.5	
D-1557	(Modified)	Optimum Moisture, %	7.2	
		Method	D	
D-4318	Atterburg Limits	Liquid Limit	0	
	Prep Method	Plastic Limit	0	
T-89/90	☐ Wet ☑ Dry	Plasticity Index	NP	
D5821	Fractured	1 face	92.6	
	Faces	2 faces	87.9	
C-131	L.A.	LA Wear, %	19.1	
T-96	Abrasion	Grading	B	
C-127	Coarse	Bulk Specific Gravity	2.646	
T-85	Specific	Bulk Specific Gravity, SSD	2.670	
	Gravity &	Apparent Specific Gravity	2.711	
	Absorption	Absorption, %	0.9	
C-88	Soundness	Coarse Soundness Loss, %	4.22	
T-104	5 cycles	$MgSO_4$		
D4791	Flat &	Flat & Elongated, %	6.4	
	Elongated	Ratio	3:1	
NMDOT Sect 901	Aggregate Index	Aggregate Index	9	



Note: T-85 was tested as a graded gravity

Reports to: fax/email
Julian Garcia [redacted]

Respectfully Submitted,

Mary Peña

Mary Peña, Lab Manager

ANALYTICAL CHEMISTS
and
BACTERIOLOGISTS

SOIL CONTROL LAB

TEL: 831-724-5422
FAX: 831-724-3188
www.controllabs.com

Account #: 5070075-1/1-12644
Group: Jul25B #17
Reporting Date: July 24, 2025

Soilutions
9008 Bates Road, SE
Albuquerque, NM 87105

Date Received: 08 Jul. 25
Sample Identification: Soilutions Compost
Sample ID #: 5070075 - 1/1

Nutrients	Dry wt.	As Rcvd.	units
Total Nitrogen:	1.1	0.76	%
Ammonia (NH_4-N):	430	290	mg/kg
Nitrate (NO_3-N):	8.6	5.8	mg/kg
Org. Nitrogen (Org.-N):	1.1	0.73	%
Phosphorus (as P_2O_5):	0.34	0.22	%
Phosphorus (P):	1500	980	mg/kg
Potassium (as K_2O):	0.60	0.40	%
Potassium (K):	5000	3300	mg/kg
Calcium (Ca):	2.2	1.5	%
Magnesium (Mg):	0.25	0.17	%
Sulfate (SO_4-S):	120	83	mg/kg
Boron (Total B):	120	82	mg/kg
Moisture:	0	33.4	%
Sodium (Na):	0.11	0.076	%
Chloride (Cl):	0.12	0.080	%
pH Value:	NA	6.45	unit
Bulk Density:	26	39	lb/cu ft
Carbonates ($CaCO_3$):	18	12	lb/ton
Conductivity (EC5):	4.0	NA	mmhos/cm
Organic Matter:	43.7	29.1	%
Organic Carbon:	23.0	15.0	%
Ash:	56.3	37.5	%
C/N Ratio	20	20	ratio
AgIndex	9	9	ratio

Stability Indicator:	
CO2 Evolution	Respirometery
mg CO_2-C/g OM/day	8.1
mg CO_2-C/g TS/day	3.5

Maturity Indicator: Cucumber Bioassay	
Compost:Vermiculite (v:v)	1:2
Emergence (%)	100
Seedling Vigor (%)	100
Description of Plants	*healthy*

Metals	Dry wt.	EPA Limit	units
Aluminum (Al):	4500	-	mg/kg
Arsenic (As):	1.6	41	mg/kg
Cadmium (Cd):	< 1.0	39	mg/kg
Chromium (Cr):	21	-	mg/kg
Cobalt (Co)	2.5	-	mg/kg
Copper (Cu):	11	1500	mg/kg
Iron (Fe):	6300	-	mg/kg
Lead (Pb):	5.0	300	mg/kg
Manganese (Mn):	130	-	mg/kg
Mercury (Hg):	< 1.0	17	mg/kg
Molybdenum (Mo):	1.1	75	mg/kg
Nickel (Ni):	7.8	420	mg/kg
Selenium (Se):	< 1.0	100	mg/kg
Zinc (Zn):	64	2800	mg/kg

Size Distribution	
MM	% by weight
> 50	0.0
25 to 50	0.0
16 to 25	0.0
9.5 to 16	0.1
6.3 to 9.5	1.3
4.0 to 6.3	6.5
2.0 to 4.0	16.7
< 2.0	75.3

**Greater than 4mm in size (Sharps greater than 2mm)

Analyst: Assaf Sadeh

*Sample was received and handled in accordance with TMECC procedures.

Laboratory Report

915 Malta Avenue
Farmington, NM 87401
Phone: 505-327-7928
Fax: 505-326-5721

Client:

Enviroworks, LLC.
5 Cinnamon Dr
Edgewood, NM 87015

Project:

261-5894
Former Aerex Refinery, East Parcel
W. Blanco Blvd and N 5th St.
Bloomfield, NM

Report Date: 04/01/2026 **Sample Date:** 03/26/2026 **Sample No:** 35557 **Sampled By:** Cameron Mitchell

Location: Stockpile : SEC of Site

Source: Native Soil : Excavated Spoils (Silty Sand with Gravel)

Material Description (Color, Group, Symbol): ASTM Soil Classification: SM Silty sand

Sieve Analysis, ASTM C117, C136

Sieve Size	% Passing	Specification
3/4 in.	**100**	
1/2 in.	**95**	
3/8 in.	**94**	
1/4. in.	**92**	
No. 4	**91**	
No. 8	**90**	
No. 10	**89**	
No. 16	**87**	
No. 30	**77**	
No. 40	**63**	
No. 50	**49**	
No. 100	**31**	
No. 200	**19**	

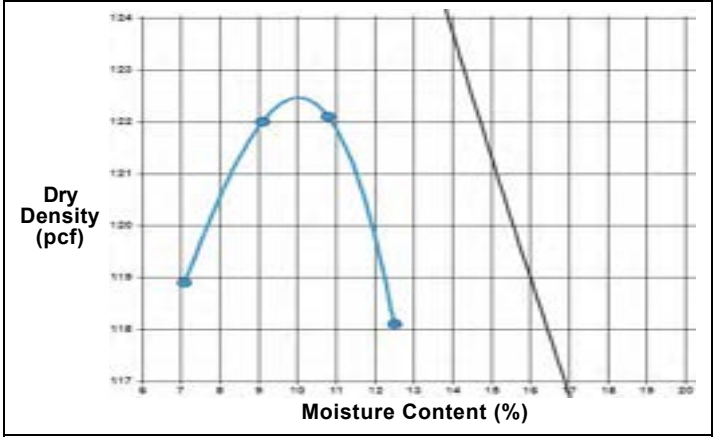
Plasticity Index, ASTM D4318

	Results	Specifications
Liquid Limit (LL)	**NLL**	
Plastic Limit (PL)	**NPL**	
Plasticity Index (PI)	**NPI**	

Moisture-Density Relationship, ASTM D698 Method A

Maximum Dry Density, pcf *	**122.4**
Optimum Moisture, % *	**10.1**

* Rock corrected per ASTM D4718



Description of Rammer	Manual
Preparation	Dry
Zero Air Voids	SG: 2.75 Estimated

Note: This is a summarized report of the referenced procedures and does not include all reporting requirements. Additional data can be provided at client's request.

Laboratory Report

915 Malta Avenue
Farmington, NM 87401
Phone: 505-327-7928
Fax: 505-326-5721

Client:

Enviroworks, LLC.
5 Cinnamon Dr
Edgewood, NM 87015

Project:

261-5894
Former Aerex Refinery, East Parcel
W. Blanco Blvd and N 5th St.
Bloomfield, NM

Report Date: 04/01/2026 **Sample Date:** 03/26/2026 **Sample No:** 35558 **Sampled By:** Cameron Mitchell

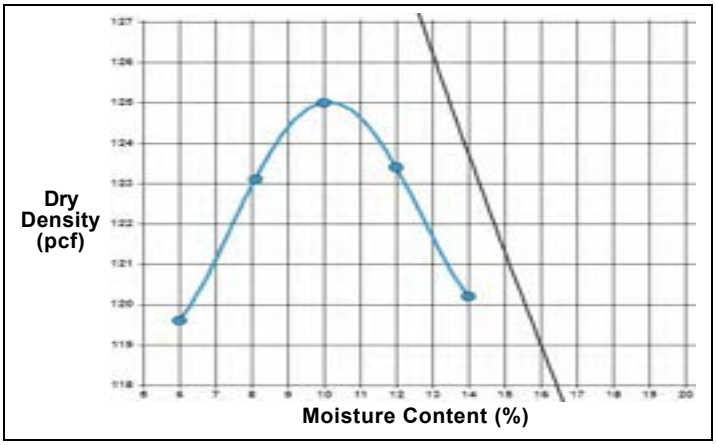
Location: Stockpile : Westside of Site (Base Course)

Source: Import : Four Corners Materials, Crouch Mesa

Material Description (Color, Group, Symbol): Visual Description: Base Aggregate

Plasticity Index, ASTM D4318		
	Results	Specifications
Liquid Limit (LL)	**NLL**	
Plastic Limit (PL)	**NPL**	
Plasticity Index (PI)	**NPI**	

Moisture-Density Relationship, ASTM D698 Method C	
Maximum Dry Density, pcf	**125.0**
Optimum Moisture, %	**10.1**



Description of Rammer	Manual
Preparation	Dry
Zero Air Voids	SG: 2.75 Estimated

Note: This is a summarized report of the referenced procedures and does not include all reporting requirements. Additional data can be provided at client's request.

915 Malta Avenue
Farmington, NM 87401
Phone: 505-327-7928
Fax: 505-326-5721

Laboratory Report

Client:

Enviroworks, LLC.
5 Cinnamon Dr
Edgewood, NM 87015

Project:

261-5894
Former Aerex Refinery, East Parcel
W. Blanco Blvd and N 5th St.
Bloomfield, NM

Report Date: 04/01/2026 **Sample Date:** 03/26/2026 **Sample No:** 35559 **Sampled By:** Cameron Mitchell

Location: Stockpile : Southside of Site (Engineered Fill)

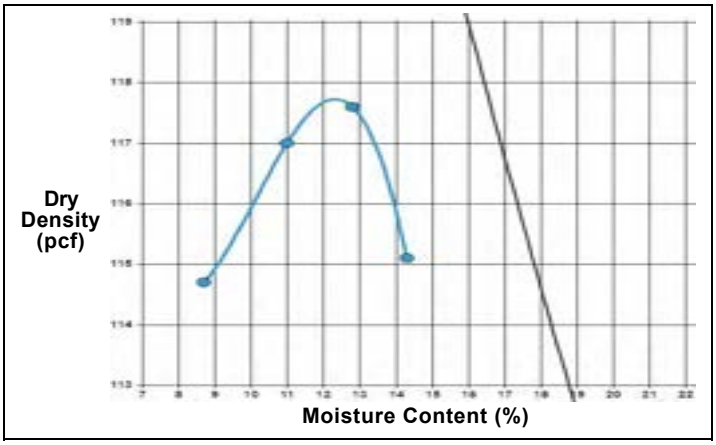
Source: Import : Four Corners Materials, Crouch Mesa Plant

Material Description (Color, Group, Symbol): Visual Description: SM Silty sand

Plasticity Index, ASTM D4318		
	Results	Specifications
Liquid Limit (LL)	**NLL**	
Plastic Limit (PL)	**NPL**	
Plasticity Index (PI)	**NPI**	

Moisture-Density Relationship, ASTM D698 Method A	
Maximum Dry Density, pcf *	**117.7**
Optimum Moisture, % *	**12.4**

* Rock corrected per ASTM D4718



Description of Rammer	Manual
Preparation	Dry
Zero Air Voids	SG: 2.75 Estimated

Note: This is a summarized report of the referenced procedures and does not include all reporting requirements. Additional data can be provided at client's request.

Continental Carbon Group

Packing Slip

Package# PKG-14147

Continental Carbon Group Inc.
1100 South Service Rd, Suite 321
Stoney Creek, Ontario, L8E 0C5
Canada

Package#	Order Date	Package Date	Sales Order#
PKG-14147	2026/03/17	2026/03/18	SO-14934

Bill To
EA Engineering, Science, and Technology, Inc., PBC
320 Gold Avenue Southwest
Suite 1300
Albuquerque, New Mexico
U.S.A

Ship To
EA Engineering, Science, and Technology, Inc., PBC West Blanco Boulevard and North 5th Street
Bloomfield, New Mexico 87413
MICHAEL MCVEY

PO # PO# 0000022796 - EST-003046

#	Item & Description	Qty
1	CC-8X30 [SPECIAL] Regen Granular Activated Carbon - 8x30	20,000.00 lb



Thank you for choosing Continental Carbon Group we appreciate your business.

Appendix G

Field Density Testing Reports

GEOMAT
A UES Company
915 Malta Avenue
Farmington, NM 87401
Phone: 505-327-7928 | Fax: 505-326-5721

Soil Nuclear Gauge

Test Method: ASTM D6938

Client:
Enviroworks, LLC.
5 Cinnamon Dr
Edgewood, NM 87015

Project:
261-5894
Former Aerex Refinery, East Parcel
W. Blanco Blvd and N 5th St.
Bloomfield, NM

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
1		04/07/26	35558	C	Base	10.1	125.0	7.7	127.6	137.4	12	102	95	DP/MP
2		04/07/26	35558	C	Base	10.1	125.0	7.2	122.0	130.8	12	98	95	DP/MP
3		04/23/26	35559	A	SM	12.4	117.7	9.4	118.1	129.2	12	100	95	DP/MP
4		04/23/26	35559	A	SM	12.4	117.7	9.8	112.7	123.7	12	96	95	DP/MP
5		04/23/26	35559	A	SM	12.4	117.7	9.4	120.1	131.4	12	102	95	DP/MP
6		04/23/26	35559	A	SM	12.4	117.7	9.8	121.1	133.0	12	103	95	DP/MP
7		04/27/26	35559	A	SM	12.4	117.7	9.8	120.0	131.8	11	102	95	DP/MP
8		04/27/26	35559	A	SM	12.4	117.7	11.1	119.4	132.7	11	101	95	DP/MP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician
1	Fill: Site Grading: 75' South, 140' West from NEC of Site (1st lift)	12.0	Ft. Below top of fill	Troxler / 3440P / 87713 / 02/16/2026	2305 / 696	Christopher Etcitty
2	Fill: Site Grading: 55' South, 145' West from NEC of Site (1st lift)	12.0	Ft. Below top of fill	Troxler / 3440P / 87713 / 02/16/2026	2305 / 696	Christopher Etcitty
3	Fill: Site Grading: 113'S of W Blanco Blvd CL; 215'E of W Blanco Blvd and N 5th St. Intersection	4.0	Ft below top of fill	Troxler / 3440 / 27949 / 02/16/2026	1857 / 629	Austin Bordy
4	Fill: Site Grading: 108'S of W Blanco Blvd CL; 137'E of W Blanco Blvd and N 5th St. Intersection	4.0	Ft below top of fill	Troxler / 3440 / 27949 / 02/16/2026	1857 / 629	Austin Bordy
5	Fill: Site Grading: 60'S of W Blanco Blvd CL; 150'E of W Blanco Blvd and N 5th St. Intersection	4.0	Ft below top of fill	Troxler / 3440 / 27949 / 02/16/2026	1857 / 629	Austin Bordy
6	Fill: Site Grading: 65'S of W Blanco Blvd CL; 228'E of W Blanco Blvd and N 5th St. Intersection	4.0	Ft below top of fill	Troxler / 3440 / 27949 / 02/16/2026	1857 / 629	Austin Bordy
7	Fill: Site Grading: 61' N and 51' E from SWC	3.5	Ft. Below top of fill	Troxler / 3440P / 88905 / 02/16/2026	2393 / 686	Herman Mitchell
8	Fill: Site Grading: 55' W and 35' S from NWC	3.5	Ft. Below top of fill	Troxler / 3440P / 88905 / 02/16/2026	2393 / 686	Herman Mitchell

Remarks	Comments
DP/MP: Density Pass / Moisture Pass	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

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9		04/27/26	35559	A	SM	12.4	117.7	9.5	119.8	131.2	11	102	95	DP/MP
10		04/27/26	35559	A	SM	12.4	117.7	10.1	122.3	134.7	11	104	95	DP/MP
11		04/29/26	35557	A	SM	10.1	122.4	9.0	117.3	127.9	6	96	95	DP/MP
12		04/29/26	35557	A	SM	10.1	122.4	10.1	119.0	131.0	6	97	95	DP/MP
13		04/29/26	35557	A	SM	10.1	122.4	12.7	116.2	131.0	6	95	95	DP/MP
14		04/29/26	35557	A	SM	10.1	122.4	12.5	116.9	131.5	6	96	95	DP/MP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician
9	Fill: Site Grading: 56’ E and 25’ S from NEC	3.5	Ft. Below top of fill	Troxler / 3440P / 88905 / 02/16/2026	2393 / 686	Herman Mitchell
10	Fill: Site Grading: 45’ S and 56’ E from SEC	3.5	Ft. Below top of fill	Troxler / 3440P / 88905 / 02/16/2026	2393 / 686	Herman Mitchell
11	Fill: Site Grading: 63’ N and 55’ From SWC	0.0	Ft.Below Top fill	Troxler / 3440 / 27960 / 03/20/2026	1519 / 625	Angel Sigala
12	Fill: Site Grading: 57’W and 40’ S From SWC	0.0	Ft.Below top of fill	Troxler / 3440 / 27960 / 03/20/2026	1519 / 625	Angel Sigala
13	Fill: Site Grading: 56’E ande 28’ S From SWC	0.0	Ft.Bellow top of fill	Troxler / 3440 / 27960 / 03/20/2026	1519 / 625	Angel Sigala
14	Fill: Site Grading: 56’E ande 28’ S From SWC	0.0	Ft.Below top of fill	Troxler / 3440 / 27960 / 03/20/2026	1519 / 625	Angel Sigala

Remarks

DP/MP: Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

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Attachments		
Test #	**Name**	**Description**
11	IMG_0036.jpeg	Test 1
12	IMG_0035.jpeg	Test 2
13	IMG_0034.jpeg	Test 3
14	IMG_0033.jpeg	Test 4

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Description: Test 1



Description: Test 2



Description: Test 3



Description: Test 4

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Daily Observation Report

Client:

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Project:

261-5894
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Bloomfield, NM

Daily Project Summary

Activity Number: 1 **Date:** 03/26/2026 **Arrival Time:** 16:25 **GEOMAT Technician:** Cameron Mitchell

Client / Project Representative: N/A

Travel Time: 0.50 **Test / Observation Time:** 0.50 **Standby Time:** 0.00

Reason For Standby: N/A

Total Time: 1.00

Observations

Specific Location: Fill Stockpiles

Weather Conditions: Clear / Dry / Calm

Unexpected Site Conditions: None

Equipment On-site: Excavator

Work in Progress / Remarks:

Arrived on site to collect various soil samples for upcoming project. Collected bucket samples from base course stockpile, engineered fill stockpile and native soil excavation stockpile.

Transported all samples back to GEOMAT lab for further testing.

Preliminary Test Results

Field Density Test Results (Earthwork or Hot Mix Asphalt): None Performed

Cementitious Test Results (Concrete, Grout, etc.): None Performed

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Daily Observation Report

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Images



Figure: Native soil excavation stockpile



Figure: Engineered fill stockpile



Figure: Import Base course stockpile

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Client:

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261-5894
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Bloomfield, NM

Daily Project Summary

Activity Number: 2 **Date:** 04/07/2026 **Arrival Time:** 11:50 **GEOMAT Technician:** Christopher Etcitty

Client / Project Representative: Enviroworks, Ben

Travel Time: 0.50 **Test / Observation Time:** 1.00 **Standby Time:** 1.00

Reason For Standby: Waiting to perform field density test

Total Time: 2.50

Observations

Specific Location: On-site, non-structural backfill

Weather Conditions: Partly Cloudy / Calm

Unexpected Site Conditions: None

Equipment On-site: Loader, Sheeps foot roller, Water truck, Skidsteer

Work in Progress / Remarks:

Technician arrived on-site to perform soil density test. Upon arrival tech reported to Ben on test location. Technician prepared equipment and nuclear gauge for standardization. Tech will perform field density test on first lift on base course. Two tests were performed; test results passed the 95%< compaction specifications and the near optimum moisture %. Results were immediately reported to Ben.
Technician awaiting on-site for next lift to be placed and compacted for testing. Ben informed tech next required field density test will be at 4.0” below grade. Technician completed paperwork on-site and departed.

Preliminary Test Results

Field Density Test Results (Earthwork or Hot Mix Asphalt):

Pass: 2 **Fail:** 0 **Pending:** 0 **Total:** 2

Cementitious Test Results (Concrete, Grout, etc.): None Performed

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Images



Figure: View looking N of non-structural backfill site grading

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Daily Project Summary

Activity Number: 3 **Date:** 04/23/2026 **Arrival Time:** 12:25 **GEOMAT Technician:** Austin Bordy

Client / Project Representative: Envroworks, LLC

Travel Time: 1.00 **Test / Observation Time:** 2.00 **Standby Time:** 0.00

Reason For Standby: N/A

Total Time: 3.00

Observations

Specific Location: Former Refinery, fill area

Weather Conditions: Clear / Dry / Calm

Unexpected Site Conditions: N/A

Equipment On-site: Front loader, excavator, large padded foot roller, water truck

Work in Progress / Remarks:

Technician arrived on site at requested time, technician coordinated with on-site, foreman and on-site contractor. Technician confirmed a density testing is needed and confirmed the testing location. Technician set up density testing equipment and began to perform tests.

Technician performed four density tests within the fill area. All four tests passed at 95 percent of compaction. Technician was informed by the on-site foreman that the tests need to have a +-3% moisture specification. all test passed having moisture within 3% of optimum moisture range. Technician noted down results and shared results with on-site foreman, Richard. Results were accepted and technician confirmed that no further testing was needed.

Technician stowed density testing equipment and performed paperwork with logs before returning to the lab

Preliminary Test Results

Field Density Test Results (Earthwork or Hot Mix Asphalt):

Pass: 4 **Fail:** 0 **Pending:** 0 **Total:** 4

Cementitious Test Results (Concrete, Grout, etc.): None Performed

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Daily Observation Report

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Images



Figure: Testing fill area

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Daily Project Summary

Activity Number: 4 **Date:** 04/27/2026 **Arrival Time:** 12:00 **GEOMAT Technician:** Herman Mitchell

Client / Project Representative: Envroworks, LLC

Travel Time: 0.50 **Test / Observation Time:** 2.50 **Standby Time:** 0.00

Reason For Standby: N/A

Total Time: 3.00

Observations

Specific Location: On-Site, fill grade non-structure backfill

Weather Conditions: Partly Cloudy / Dry / Breezy

Unexpected Site Conditions: N/A

Equipment On-site: Frontend Loader, Sheets foot Compactor, Water truck, Mine Trackhoe

Work in Progress / Remarks:

Field Density Summary

Upon arrival on site subcontractor was already compacting using Sheeps foot Compactor on grade. Technician got with the lead operator on site who informed and went over the scope of the work. Technician was informed by client they needed four density tests on the fill grade.
Technician standardized nuclear gauge on site. Technician performed four density tests at 3.5 elevation feet below top of fill. All density tests met the required specification of above 95 percent compaction and that moisture spec was also with in the +-3 moisture spec. Technician performed all four density tests on grade. All density results were shared with client.

Technician finished all documentation paperwork before departure.

Preliminary Test Results

Field Density Test Results (Earthwork or Hot Mix Asphalt):

Pass: 4 **Fail:** 0 **Pending:** 0 **Total:** 4

Cementitious Test Results (Concrete, Grout, etc.): None Performed

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Images



Figure:
Looking toward north, using Sheeps foot Compactor on grade.

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Daily Project Summary

Activity Number: 5 **Date:** 04/29/2026 **Arrival Time:** 09:00 **GEOMAT Technician:** Angel Sigala

Client / Project Representative: Envroworks, LLC

Travel Time: 0.50 **Test / Observation Time:** 1.50 **Standby Time:** 0.00

Reason For Standby: N/A

Total Time: 2.00

Observations

Specific Location: On-Site,

Weather Conditions: Clear / Calm

Unexpected Site Conditions: N/A

Equipment On-site: Frontend Loader, Sheets foot Compactor, Water truck, Mine Trackhoe

Work in Progress / Remarks:

Technician arrived on site at requested time and coordinated with on-site contacts, Jimmy and Richard. Technician confirmed that density test was needed for today. Technician was informed by client they needed four density tests. Technician standardized nuclear gauge on site.

Technician performed four density tests; all density tests met the required specification of above 95 percent compaction and that moisture spec was also within the -3 +3 moisture spec. Technician performed all four density tests on grade. All density results were shared with Jimmy and Richard.

Technician confirmed that no further testing was needed. Paperwork and logs were performed before returning to lab.

Preliminary Test Results

Field Density Test Results (Earthwork or Hot Mix Asphalt):

Pass: 4 **Fail:** 0 **Pending:** 0 **Total:** 4

Cementitious Test Results (Concrete, Grout, etc.): None Performed

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Figure:



Figure:

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Appendix H

Final Topographic Survey

TOPOGRAPHIC SURVEY

TOPOGRAPHIC SURVEY

AEREX REFINERY EAST PARCEL

A PORTION OF THE N. 1/2 OF THE NW 1/4

WITHIN SECTION 22, T. 29 N., R. 11 W., N.M.P.M.

BLOOMFIELD, SAN JUAN COUNTY, NEW MEXICO

MAY 2026

LEGEND

ANCH	GUY ANCHOR	MW	MONITOR WELL
BO	BOLLARD	PP	POWER POLE
DI	DROP INLET	SIGN	POLE MOUNTED SIGN
GV	GAS VALVE	WV	WATER VALVE
MH	MANHOLE (TYPE)		

OHE OHE OHE OHE — OVERHEAD ELECTRIC LINES

GAS GAS GAS GAS — UNDERGROUND GAS LINES

SAN SAN SAN — UNDERGROUND SANITARY LINES

UNDERGROUND WATER LINES

BLOCK WALL

CHAIN LINK FENCE

WROUGHT IRON FENCE

WOOD FENCE

METAL PANEL FENCE

TC: 500.00 SPOT ELEVATION ELEVATIONS ARE TO ANNOTATED SPOTS

—500— EXISTING CONTOURS @0.50 FT. INTERVALS

—500— INDEX CONTOURS @1 FT. INTERVALS

FL	FLOWLINE
INV	INVERT
NG	NATURAL GROUND
TA	TOP OF ASPHALT
TBC	TOP BACK OF CURB
TC	TOP OF CONCRETE
TG	TOP OF GRATE

MONUMENT LEGEND:

o = FOUND MONUMENT AS NOTED:

A: FOUND 5/8" REBAR AND CAP "PS 14827"
B: FOUND 5/8" REBAR (NO ID)
C: FOUND 5/8" REBAR AND CAP "PS 14827" (IDENTIFIED AS 20.00 FOOT WITNESS CORNER PER WARRANTY DEED)

ADDITIONAL CONTROL MONUMENTS (GROUND COORDINATES*):

*To convert from ground to grid, use a scale factor of 0.99966025 centered on CP-1.

△ CP-5 (1/2" REBAR & CAP "WAYJOHN CONTROL")
y=2,080,208.6650' (GROUND)
x=2,678,735.2476' (GROUND)
z=5,475.682' (NAVD 88)

△ CP-8 (CHISELED "X" ON CONCRETE)
y=2,080,049.0554' (GROUND)
x=2,678,911.0489' (GROUND)
z=5,471.778' (NAVD 88)

△ CP-9 (CHISELED "X" ON CONCRETE)
y=2,080,883.7741' (GROUND)
x=2,678,021.9103' (GROUND)
z=5,488.116' (NAVD 88)

△ CP-10 (CHISELED "X" ON CURB)
y=2,080,884.3167' (GROUND)
x=2,678,755.0429' (GROUND)
z=5,487.285' (NAVD 88)



VICINITY MAP

(NO SCALE)



RECORD LEGAL DESCRIPTION

A PORTION OF THE NORTH HALF OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 22, TOWNSHIP 29 NORTH, RANGE 11 WEST, N.M.P.M. SAN JUAN COUNTY NEW MEXICO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A 5/8" REBAR MARKED NMLS 5992 FOUND FOR THE NORTHEAST CORNER OF THE TARPLEY TOWNHOUSE SUBDIVISION AS SHOWN ON PLAT FILED AS MAP T-31, JANUARY 26,1983 IN THE RECORDS OF SAID SAN JUAN COUNTY, FROM WHICH POINT A 3.25" BRASS CAP FOUND FOR THE SOUTHWEST CORNER OF SAID SECTION 22 BEARS S 16°09'28" W A DISTANCE OF 4747.31 FEET FOR A TIE, THENCE N 89°44'24" W A DISTANCE OF 276.67 FEET ALONG THE NORTH LINE OF SAID TARPLEY TOWNHOUSE SUBDIVISION TO A 5/8" REBAR WITH CAP MARKED NM-LS 14827 SET ON THE EAST RIGHT-OF-WAY LINE OF NORTH 5TH STREET AS SHOWN ON TARPLEY SUBDIVISION PARTIAL REPLAT FILED AS MAP T-34, SEPTEMBER 14,1983 IN THE RECORDS OF SAID SAN JUAN COUNTY, THENCE N 0°07'52" W A DISTANCE OF 637.95 FEET ALONG SAID EAST RIGHT-OF- WAY LINE OF NORTH 5TH STREET TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF BLANCO BOULEVARD, FROM WHICH POINT A 5/8" REBAR WITH CAP MARKED NM-LS 14827 SET FOR A WITNESS BEARS S 0°07'52" E A DISTANCE OF 20.00 FEET AND A 5/8" REBAR WITH CAP MARKED NM-LS 14827 SET FOR A WITNESS BEARS S 89°48'54" E A DISTANCE OF 20.00 FEET, THENCE S 89°48'54" E A DISTANCE OF 275.88 FEET ALONG SAID SOUTH RIGHT-OF- WAY LINE OF BLANCO BOULEVARD TO A 5/8" REBAR WITH CAP MARKED NM-LS 14827 SET ON THE WEST LINE OF LOMA VISTA ADDITION SUBDIVISION AS FILED NOVEMBER 6,1957 IN THE RECORDS OF SAID SAN JUAN COUNTY, THENCE S 0°12'08" E A DISTANCE OF 638.32 FEET ALONG THE WEST LINE OF SAID LOMA VISTA ADDITION SUBDIVISION BACK TO THE POINT OF BEGINNING.

PER WARRANTY DEED RECORDED WITH THE SAN JUAN COUNTY CLERK ON NOVEMBER 23, 2021, IN BOOK 1679, PAGE 789.

GENERAL NOTES

1. No boundary Survey was performed. All bearings and distances shown hereon are from the plat or warranty deed recorded.

2. Project Control was established using a GPS OPUS Solution at CP-1. The coordinates provided at CP-1 are NMSP West Zone Grid (NAD 83), with a ground elevation (NAVD 88). All other control points provided for in this survey are NMSP West Zone Ground (NAD 83), with a ground elevation (NAVD 88). To determine grid coordinates on any point in this drawing, apply a scale factor of 0.99966025 with CP-1 as the point of origin. The contents of this drawing are at ground, tied to CP-1 grid coordinates as reported below.

   A 1/2" rebar and cap "Wayjohn Control", set approximately two inches above existing ground.

   △ Wayjohn Control Point No. 1
   y=2,080,285.101 (GRID)
   x=2,678,931.184 (GRID)
   z=5,478.197 (NAVD 88)
   NMSP WEST ZONE
   NAD 83

   Ground-to-grid:
   0.99966025

   Mapping Angle:
   -00°05'24.29"

3. It is hereby certified that this property is NOT located within a 100 year flood hazard boundary in accordance with current HUD Federal Administration Flood Hazard Boundary Maps. Zone X (No flood hazard), Panel 350066 1055 F, with an effective date of August 5, 2010.

This is to certify that a topographic site survey on the above referenced property was performed by me or under my supervision and that the information contained herein is true and correct to the best of my belief and knowledge. This does not constitute a corner or boundary survey.

5/21/2026

Thomas D. Johnston, PS 14269 — Date

UTILITY NOTE: ALL BURIED UTILITIES AS IDENTIFIED ON THIS SURVEY ARE PER PUBLICLY SPOTTED UTILITIES AS MARKED AT THE TIME OF THIS SURVEY. WAYJOHN SURVEYING MAKES NO GUARANTEE AS TO THE ACCURACY OF SAID LOCATIONS.

NO STORM DRAIN HAD BEEN MARKED FOR COLLECTION AT THE TIME OF THIS SURVEY.

0 15 30 60

SCALE: 1 INCH = 30 FEET

WAYJOHN SURVEYING INC

1609 2nd Street, N.W., Albuquerque, NM 87102
Phone: (505) 255-2052 Fax: (505) 255-2887

Date of Survey: 2/16/2026 Job No.: CS-2-01-2026

Draftsman: T R J Checked By: T D J

Date of Last Revision: 5/19/2026

Appendix I

Soil Boring and Well Construction Logs for Performance Assessment Wells

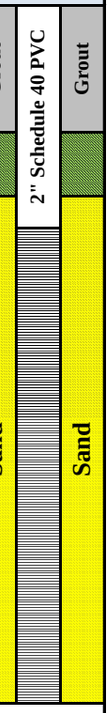
BORING/WELL CONSTRUCTION LOG

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

Project: Aerex Refinery		Project Number:	16493-04-00-TM
Drilling Company:	Enviro Drill	Start Time/Date:	0836 / 05-12-26
Drilling Rig/Bit:	CME-75	Completion Time/Date:	1039 / 05-12-26
Driller:	Ryan Begay	Final Depth:	22'
Boring/Well ID:	MW-EP-04	Logged By: M. Rames-Schultz	Page _1__ of _1__

Sample Type	Sample Recovery (In)	Sample Interval	PID Reading	USCS Soil Type	Depth, ft bgs	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
SS	8		0.0		1	0'-2' Overburden, mulch
					2	
SS	9		0.0		3	2'-4' SAA
				SP	4	
SS	20		0.3		5	4'-6' Poorly graded sand with gravel, reddish brown (5YR 4/3), moist,
					6	loose, medium course grain
SS	24		0.2		7	6'-8' SAA
					8	
SS	24		0.4		9	8'-10' SAA, increasing amount of gravel downward
				GP	10	
SS	12		0.7		11	10'-12' Gravel with course sand, very dark grey (5YR 3/1), wet, loose,
				SP	12	subangular gravel
SS	10	X	0.8		13	12'-14' Poorly graded sand, very dark gray (5YR 3/1), wet, loose
					14	
SS	7		0.3		15	14'-16' SAA
				SM	16	
SS	18	X	0.8		17	16'-18' Silty sand, very dark gray (5YR 3/1), wet, loose, slightly plastic
					18	
SS	20		0.6		19	18'-20' SAA
				SP	20	
SS	8		0.7		21	20'-22' Poorly graded sand, dark gray (5YR 4/1), wet, loose
					22	
					23	
					24	
					25	
					26	Grout: 1'-4' bgs
					27	Hole Plug: 4'-6' bgs (1-bag)
					28	Sand: 6'-22' bgs (8-bags)
					29	2" PVC Screen: 7'-22' bgs
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	

Boring and/or Well Details



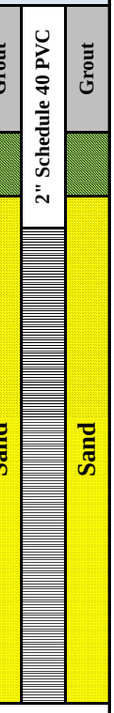
BORING/WELL CONSTRUCTION LOG

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

Project: Aerex Refinery		Project Number:	16493-04-00-TM
Drilling Company:	Enviro Drill	Start Time/Date:	0822 / 05-13-26
Drilling Rig/Bit:	CME-75	Completion Time/Date:	1019 / 05-13-26
Driller:	Ryan Begay	Final Depth:	22'
Boring/Well ID:	MW-EP-05	Logged By: M. Rames-Schultz	Page _1__ of _1__

Sample Type	Sample Recovery (In)	Sample Interval	PID Reading	USCS Soil Type	Depth, ft bgs	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
SS	18		3.6		1	0'-2' Overburden, mulch
					2	
SS	0		NR		3	2'-4' No Recovery
				SP	4	
SS	24		4.5		5	4'-9' Poorly graded sand with gravel, dark brown (7.5YR 3/3), moist,
					6	loose
SS	24		3.6		7	
					8	
SS	24		3.5	GW	9	
					10	9'-12' Well graded gravel with sand, dark brown (7.5YR 3/3), loose,
SS	16	X	3.9		11	moist, subangular gravel, wet @ 12' bgs
					12	
SS	0		NR		13	12'-14' No Recovery - Driller having split spoon issues
				SM	14	
SS	24	X	3.2		15	14'-15' Silty sand, very dark gray (7.5YR 3/1), loose, wet
				ML	16	15'-16' Sandy silt, very dark gray (7.5YR 3/1), slightly plastic, wet
SS	0		NR		17	16'-18' No Recovery
					18	
SS	21		2.5		19	18'-20' Sandy silt, very dark gray (7.5YR 3/1), slightly plastic, wet
					20	
SS	0		NR		21	20'-22' No Recovery
					22	
					23	
					24	
					25	
					26	Grout: 1'-4' bgs
					27	Hole Plug: 4'-6' bgs (1-bag)
					28	Sand: 6'-22' bgs (8-bags)
					29	2" PVC Screen: 7'-22' bgs
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	

Boring and/or Well Details



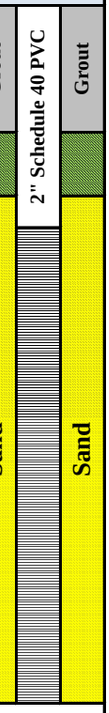
BORING/WELL CONSTRUCTION LOG

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

Project: Aerex Refinery		Project Number:	16493-04-00-TM
Drilling Company:	Enviro Drill	Start Time/Date:	1529 / 05-12-26
Drilling Rig/Bit:	CME-75	Completion Time/Date:	1731 / 05-12-26
Driller:	Ryan Begay	Final Depth:	22'
Boring/Well ID:	MW-EP-06	Logged By: M. Rames-Schultz	Page _1__ of _1__

Sample Type	Sample Recovery (In)	Sample Interval	PID Reading	USCS Soil Type	Depth, ft bgs	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
SS	17		1.4		1	0'-3' Overburden, mulch, backfill
					2	
SS	22		1.3	SP	3	
					4	3'-7' Poorly graded sand with gravel, reddish brown (5YR 4/4),
SS	24		0.8		5	dry, loose, subangular gravle
					6	
SS	22		0.9	GW	7	
					8	7'-9' Well graded gravel with sand, brown (7.5YR 4/3), loose, dry,
SS	20		0.1		9	subangular gravel
					10	9'-12' Poorly graded sand, very dark gray (7.5YR 3/1), moist, loose,
SS	8		0.6		11	medium coarse grain
				SM	12	
SS	24	X	0.3		13	12'-15' Silty sand, very dark gray (7.5YR 3/1), wet, loose
					14	
SS	16		0.3	ML	15	
					16	15'-20' Sandy silt, very dark gray (7.5YR 3/1), wet, loose,
SS	17	X	0.4		17	fining downward
					18	
SS	21		0.3		19	
				SM	20	
SS	24		0.2		21	20'-22' Silty sand, dark gray (7.5YR 4/1), wet, loose,
					22	medium coarse grain
					23	
					24	
					25	
					26	Grout: 1'-4' bgs
					27	Hole Plug: 4'-6' bgs (1-bag)
					28	Sand: 6'-22' bgs (8-bags)
					29	2" PVC Screen: 7'-22' bgs
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	

Boring and/or Well Details



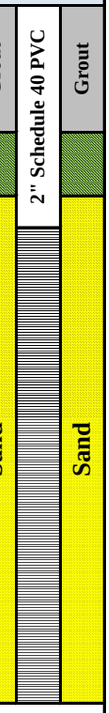
BORING/WELL CONSTRUCTION LOG

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

Project: Aerex Refinery		Project Number:	16493-04-00-TM
Drilling Company:	Enviro Drill	Start Time/Date:	1339 / 05-12-26
Drilling Rig/Bit:	CME-75	Completion Time/Date:	1514 / 05-12-26
Driller:	Ryan Begay	Final Depth:	22'
Boring/Well ID:	MW-EP-07	Logged By: M. Rames-Schultz	Page _1__ of _1__

Sample Type	Sample Recovery (In)	Sample Interval	PID Reading	USCS Soil Type	Depth, ft bgs	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
SS	8		0.0	SP	1	0'-2.5' Overburden, mulch, backfill
					2	
SS	20		0.1		3	2.5'-7' Poorly graded sand with gravel, reddish brown (5YR 4/3),
					4	moist, loose, subangular gravel, gravel increasing downward
SS	22		0.2		5	
					6	
SS	20		0.4	GW	7	
					8	7'-12' Well graded gravel with sand, reddish brown (5YR 4/3), loose,
SS	17		1.7		9	dry, subangular gravel
					10	
SS	18		0.2		11	
				SP	12	
SS	15	X	0.4		13	12'-15' Poorly graded sand, very dark gray (5YR 3/1), wet, loose,
					14	medium coarse grain
SS	21		0.2	SM	15	
					16	15'-19' Sandy silt, reddish brown (5YR 4/3), slightly plastic, wet,
SS	19	X	0.3		17	loose, fining downard
					18	
SS	20		0.1	ML	19	
					20	19'-22' Sandy silt, reddish brown (5YR 4/3), wet, slightly plastic
SS	16		0.2		21	
					22	
					23	
					24	
					25	
					26	Grout: 1'-4' bgs
					27	Hole Plug: 4'-6' bgs (1-bag)
					28	Sand: 6'-22' bgs (8-bags)
					29	2" PVC Screen: 7'-22' bgs
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	

Boring and/or Well Details



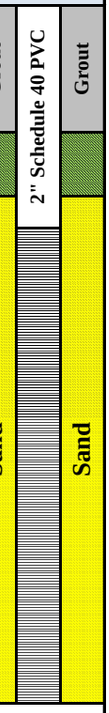
BORING/WELL CONSTRUCTION LOG

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

Project: Aerex Refinery		Project Number:	16493-04-00-TM
Drilling Company:	Enviro Drill	Start Time/Date:	1317 / 05-13-26
Drilling Rig/Bit:	CME-75	Completion Time/Date:	1458 / 05-13-26
Driller:	Ryan Begay	Final Depth:	22'
Boring/Well ID:	MW-EP-08	Logged By: M. Rames-Schultz	Page _1__ of _1__

Sample Type	Sample Recovery (In)	Sample Interval	PID Reading	USCS Soil Type	Depth, ft bgs	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
SS	16		0.4		1	0'-3' Backfill, mulch
					2	
SS	18		0.2	SP	3	3'-7' Poorly graded sand, brown (7.5YR 4/3), loose, moist,
					4	trace gravel
SS	15		0.4		5	
					6	
SS	17		0.5		7	
				GW	8	7'-12' Well graded gravel with sand, dark brown (7.5YR 3/3), loose,
SS	18		2.3		9	moist
					10	
SS	6		0.2		11	
				SP	12	
SS	22	X	0.3		13	12'-15' Poorly graded sand, very dark gray (7.5YR 3/1), loose, wet
					14	
SS	12		0.2	ML	15	
					16	15'-22' Sandy silt, very dark gray (7.5YR 3/1), medium dense,
SS	24	X	0.3		17	slightly plastic, wet
					18	
SS	22		0.3		19	
					20	
SS	20		0.3		21	
					22	
					23	
					24	
					25	
					26	Grout: 1'-4' bgs
					27	Hole Plug: 4'-6' bgs (1-bag)
					28	Sand: 6'-22' bgs (8-bags)
					29	2" PVC Screen: 7'-22' bgs
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	

Boring and/or Well Details



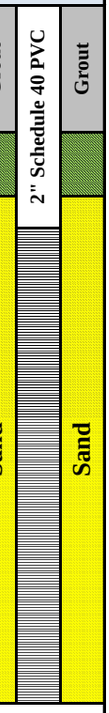
BORING/WELL CONSTRUCTION LOG

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

Project: Aerex Refinery		Project Number:	16493-04-00-TM
Drilling Company:	Enviro Drill	Start Time/Date:	1052 / 05-12-26
Drilling Rig/Bit:	CME-75	Completion Time/Date:	1239 / 05-12-26
Driller:	Ryan Begay	Final Depth:	22'
Boring/Well ID:	MW-EP-09	Logged By: M. Rames-Schultz	Page _1__ of _1__

Sample Type	Sample Recovery (In)	Sample Interval	PID Reading	USCS Soil Type	Depth, ft bgs	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
SS	22		0.0		1	0'-3' Overburned, mulch, backfill
					2	
SS	20		0.4	SP	3	3'-5' Poorly graded sand, reddish brown (5YR 4/3), loose, moist,
					4	trace gravel
SS	24		0.0		5	
					6	5'-7' Poorly graded sand with gravel, dark reddish brown (5YR 3/3),
SS	24		0.4	SM	7	loose, moist
					8	7'-12' Silty sand, very dark gray (5YR 3/1), moist, loose,
SS	22		0.8		9	slightly plastic, wet @ 12 ft bgs
					10	
SS	20	X	0.4		11	
				SP	12	
SS	21		0.0		13	12'-17' Poorly graded sand, dark reddish brown (5YR 3/3), wet, loose,
					14	medium coarse grain
SS	24		0.1		15	
					16	
SS	24		0.5	SM	17	
					18	17'-19' Silty sand, very dark gray (5YR 3/1), wet, loose, slightly plastic
SS	24		0.5		19	
				ML	20	19'-22' Sandy silt, very dark gray (5YR 3/1), wet, moderate plastic
SS	24	X	0.6		21	
					22	
					23	
					24	
					25	
					26	Grout: 1'-4' bgs
					27	Hole Plug: 4'-6' bgs (1-bag)
					28	Sand: 6'-22' bgs (8-bags)
					29	2" PVC Screen: 7'-22' bgs
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	

Boring and/or Well Details



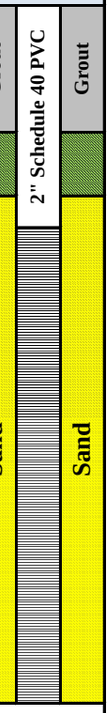
BORING/WELL CONSTRUCTION LOG

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

Project: Aerex Refinery		Project Number:	16493-04-00-TM
Drilling Company:	Enviro Drill	Start Time/Date:	1037 / 05-13-26
Drilling Rig/Bit:	CME-75	Completion Time/Date:	1222 / 05-13-26
Driller:	Ryan Begay	Final Depth:	22'
Boring/Well ID:	MW-EP-10	Logged By: M. Rames-Schultz	Page _1__ of _1__

Sample Type	Sample Recovery (In)	Sample Interval	PID Reading	USCS Soil Type	Depth, ft bgs	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
SS	20		0.3		1	0'-2' Backfill, mulch
					2	
SS	4		0.1		3	2'-4' Very little recovery of mulch and backfill
				SP	4	
SS	24		0.3		5	4'-5' Poorly graded sand, brown (7.5YR 3/3), loose, moist,
				SM	6	medium coarse grain
SS	24		0.3		7	5'-7' Silty sand, dark brown (7.5YR 3/3), loose, moist
				ML	8	7'-8' Sandy silt, dark brown (7.5YR 3/4), moderately plastic, moist,
SS	23		0.2		9	medium dense
				SM	10	8'-11' Silty sand, dark brown (7.5YR 3/3), loose, moist
SS	24	X	0.3		11	
				SP	12	11'-18' Poorly graded sand, very dark gray (7.5YR 3/1), wet, loose,
SS	24		0.3		13	medium coarse grain
					14	
SS	24		0.4		15	
					16	
SS	24		0.2		17	
				ML	18	
SS	22		0.1		19	18'-22' Sand silt, brown (7.5YR 4/4), medium dense, wet, slightly plastic
					20	
SS	15	X	0.5		21	
					22	
					23	
					24	
					25	
					26	Grout: 1'-4' bgs
					27	Hole Plug: 4'-6' bgs (1-bag)
					28	Sand: 6'-22' bgs (8-bags)
					29	2" PVC Screen: 7'-22' bgs
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	

Boring and/or Well Details



Appendix J

Well Permits

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
AZTEC

Elizabeth K. Anderson, P.E.
State Engineer

100 Gossett Drive, Suite A
Aztec, New Mexico 87410

May 6, 2026

City of Bloomfield
Prudence Brady
915 N. 1st Street
Bloomfield, NM 87413

EA Engineering
Mike McVey
320 Gold Ave. SW, Ste. 1300
Albuquerque, NM 87102

RE: Permit Approval to Drill a Well with No Water Right, SJ-4643 POD17-POD23, City of Bloomfield, Former Aerex Refinery – East Parcel Site Investigation

Greetings:

On April 28, 2026, the New Mexico Office of the State Engineer (NMOSE) received an application for a permit to install seven new boreholes/wells for use related to site investigation activities at the above referenced location. Enclosed is one original of the above numbered permit that has been approved subject to the conditions set forth on the approval page and in the attached Conditions of Approval. Also enclosed is a receipt for the fees paid.

Please be aware that there are deadlines for submitting well records for the newly installed monitoring wells. These deadlines can be found in the attached Conditions of Approval. Additionally, a standardized plugging method has also been included in the Conditions of Approval for the future abandonment of the monitoring wells covered by this permit. This eliminates the need to submit a separate Well Plugging Plan of Operations for approval by the NMOSE prior to plugging, unless an alternate plugging method is proposed, required by a separate oversight agency, necessary due to incompatibility with actual conditions, or artesian conditions are encountered. Well completion and plugging records should be sent to the NMOSE District V, 100 Gossett Drive, Suite A, Aztec, NM, 87410. **Well records should be filed within 30 days after completion of the well(s).**

If you have any questions regarding permitting action, please feel free to contact the Aztec office at (505) 383-4571.

Sincerely,

Ranee Deechilly
Water Rights Division – District V

Enclosures

cc: Aztec Reading (w/o enclosures)
SJ-4643 File
WATERS

File No SJ-4643 POD17-POD23

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable boxes):

For fees, see State Engineer website: https://www.ose.nm.gov/

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well*(Pump test)	☐ Construction Site/Public Works Dewatering	☐ Other(Describe):
☒ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive

*New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply

☐ Yes ☑ No Angled/Directional borehole - include schematic and azimuth, inclination, measured depth and true vertical depth

☒ Temporary Request - Requested Start Date: May 11, 2026 Requested End Date: Unknown

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

2026 APR 28 AM 9 06
STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

Note: if there is known artesian conditions, contamination or high mineral content at the drilling location, include the borehole log or a well log from an existing well at that location. If this information is not submitted, check box and attach form WD-09 to this form. ☐

1. APPLICANT(S)

Name: City of Bloomfield	Name: EA Engineering
Contact or Agent: Prudence Brady — check here if Agent ☐	Contact or Agent: Mike McVey — check here if Agent ☒
Mailing Address: 915 N. 1st Street	Mailing Address: 320 Gold Ave. SW, Ste. 1300
City: Bloomfield	City: Albuquerque
State: NM Zip Code: 87413	State: NM Zip Code: 87102
Phone: (505) 333-7816 ☐ Home ☐ Cell Phone (Work): (505) 635-1041	Phone: (505) 235-9037 ☐ Home ☒ Cell Phone (Work):
E-mail (optional): pbrady@bloomfieldnm.gov	E-mail (optional): mmcvey@eaest.com

SJ-4643 POD17-POD23
FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 10/02/2024

File No.:	Trn. No.:	Receipt No.: 5-8017
Trans Description (optional):		
Sub-Basin:	PCW/LOG Due Date: 5-6-2027	

2. **WELL(S)** Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell), District V (Aztec) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

■ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Public Land Survey System (PLSS) (QQQSection, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name	Well Depth in feet	Casing Diameter (OD)
(SJ-4643 POD17) MW-EP-04	-107.984144	36.718280	NE NW NW Sec. 22 T29N R11W	22	2.38
(SJ-4643 POD18) MW-EP-05	-107.983767	36.718280	NE NW NW Sec. 22 T29N R11W	22	2.38
(SJ-4643 POD19) MW-EP-06	-107.983879	36.718169	NE NW NW Sec. 22 T29N R11W	22	2.38
(SJ-4643 POD20) MW-EP-07	-107.983975	36.718209	NE NW NW Sec. 22 T29N R11W	22	2.38
(SJ-4643 POD21) MW-EP-08	-107.983678	36.718339	NE NW NW Sec. 22 T29N R11W	22	2.38

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ■ **Yes** ☐ **No** **If yes, how many** 2

Other description relating well to common landmarks, streets, or other:

Wells will be installed on property located on the SE corner of W. Blanco Blvd. and N. 5th Street in Bloomfield, NM (see attached figure).

Well is on land owned by: City of Bloomfield (access agreement attached).

Well Information: NOTE: If casings telescope or involve nested casing, please provide diagram. Attached? ☐ **Yes** ■ **No**

Approximate depth to water (feet): 12	Outside diameter of well casing (inches): 2
Driller Name: Enviro-Drill	Driller License Number: XXXXXXXX WD-1848

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

EA Engineering has been contracted by the NMED Ground Water Qualioty Bureau to install compliance groundwater monitoring wells on the property formerly occupid by the Aerex Refinery after completion of a remedial action involving excavation of contaminated soil at the site. The wells will be used to monitor trends in contaminant concentrations in groundwater after completion of the excavation. The duration of monitoring is unknown.

2025 APR 28 AM 9 06

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

FOR OSE INTERNAL USE — Application for Permit, Form WR-07 Version 10/02/2024

File No.: SJ-4643 POD17-POD23	Trn No.:

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory*:	**Pollution Control and/or Recovery:**	**Construction De-Watering:**	**Mine De-Watering:**
Is proposed well a future public water supply well? ☐ Yes ☐ NO If Yes, an application must be filed with NMED-DWB, concurrently. ☐ Include a description of any proposed pump test, if applicable. **Monitoring*:** ☒ Include the reason for the monitoring well, and, ☒ The duration of the planned monitoring.	☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge. ☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of. **Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	☐ Include a plan for Mine De-Watering, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.

(* if exploration or monitoring drilling activity is required by NMED, then you must also submit the NMED Work Plan)

ACKNOWLEDGEMENT

I, **We (name of applicant(s)),** Michael McVey

Print Name(s)

affirm that the foregoing statements are true to the best of (my,our) knowledge and belief.

Applicant Signature

Applicant Signature

2026 APR 28 AM 9 06
STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

ACTION OF THE STATE ENGINEER

This application is:

☒ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 6th day of May 20 26, for the State Engineer,

Elizabeth K. Anderson, P.E., State Engineer

By: Signature Ranee Deechilly Print

Title: Water Resources Professional Print

STATE ENGINEER STATE OF NEW MEXICO

NEW MEXICO OFFICE OF THE STATE ENGINEER

ATTACHMENT 1
POINT OF DIVERSION DESCRIPTIONS

This Attachment is to be completed if more than one (1) point of diversion is described on an Application or Declaration.

a. Is this a:	**b. Information on Attachment(s):**
☐ Move-From Point of Diversion(s) **OR**	Number of points of diversion involved in the application: 7
☒ Move-To/New Point of Diversion(s)	Total number of pages attached to the application: 6

☐ **Surface Point of Diversion** **OR** ☒ **Well**

Name of ditch, acequia, or spring:	
Stream or water course:	
Tributary of:	

c. Location (Required):
Required: Move to/New POD location coordinate(s) must be either New Mexico State Plane (NAD 83), UTM (NAD 83), or Lat/Long (WGS84)

NM State Plane (NAD83) (feet) ☐ NM West Zone ☐ NM Central Zone ☐ NM East Zone	UTM (NAD83) (meters) ☐ Zone 13N ☐ Zone 12N	• Lat/Long–(WGS84) 1/10th of second	OTHER (allowable only for move-from descriptions - see application form for format) ☒ PLSS (quarters, section, township, range) ☐ Hydrographic Survey, Map & Tract ☐ Lot, Block & Subdivision ☐ Grant	**Well Depth (in feet) *Required on new wells**	**Casing outside diameter (in inches) *Required on new wells**
POD Number: MW-EP-09 (SJ-4643) (POD22)	X or Longitude: -107.983723	Y or Latitude: 36.718092	Other Location Description: NE NW NW Sec. 22 T29N R11W	22	2.38
POD Number: MW-EP-10 (POD23)	X or Longitude: -107.984144	Y or Latitude: 36.718092	Other Location Description: NE NW NW Sec. 22 T29N R11W	22	2.38
POD Number:	X or Longitude:	Y or Latitude:	Other Location Description:		
POD Number:	X or Longitude:	Y or Latitude:	Other Location Description:		
POD Number:	X or Longitude:	Y or Latitude:	Other Location Description:		
POD Number:	X or Longitude:	Y or Latitude:	Other Location Description:		
POD Number:	X or Longitude:	Y or Latitude:	Other Location Description:		
POD Number:	X or Longitude:	Y or Latitude:	Other Location Description:		

2026 APR 28 AM 9 50
STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

FOR OSE INTERNAL USE

Form WR-08 Version 07/16/2024
POD DESCRIPTIONS - ATTACHMENT 1

File Number: SJ-4643 POD17-POD23	Trn Number:
Trans Description (optional):	

NMOSE Permit to Drill a Well(s) With No Water Right - Conditions of Approval
SJ-4643 POD17 – POD23

The New Mexico Office of the State Engineer (NMOSE) has determined that existing water rights will not be impaired by this activity. This application is approved without publication provided it is not exercised to the detriment of any others having existing rights and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state. This application approval (i.e., permit) is further subject to the following conditions of approval.

1. This permit is approved as follows:

Permittee(s): City of Bloomfield
(via Mike McVey, EA Engineering, as agent)
915 N. 1st Street
Bloomfield, NM 87413

Permit Number: SJ-4643

Application File Date: April 28, 2026

Priority: N/A

Source: Groundwater

Point(s) of Diversion: SJ-4643 POD17 through POD23 consists of seven proposed borings/groundwater monitoring wells that are intended for temporary use to conduct soil/groundwater sampling activities associated with the Former Aerex Refinery – East Parcel site investigation. The wells and soil borings (aka, point of diversion; POD) are located on land owned by the City of Bloomfield in San Juan County, New Mexico. The PODs are located within the NE/4 NW/4 NW/4 of Section 22, Township 29 North, Range 11 West, NMPM, at the approximate point locations (Long/Lat, WGS84) indicated in Table 1.

Table 1: Proposed Soil Borings/Monitoring Wells

POD Number and Owner's Well Name	Casing: Outside Diameter (inches) and Depth (feet)		Longitude (Decimal Degrees)	Latitude (Decimal Degrees)
SJ-4643 POD17 (MW-EP-04)	2.38	22	-107.984144	36.718280
SJ-4643 POD18 (MW-EP-05)	2.38	22	-107.983767	36.718280
SJ-4643 POD19 (MW-EP-06)	2.38	22	-107.983879	36.718169
SJ-4643 POD20 (MW-EP-07)	2.38	22	-107.983975	36.718209
SJ-4643 POD21 (MW-EP-08)	2.38	22	-107.983678	36.718339
SJ-4643 POD22 (MW-EP-09)	2.38	22	-107.983723	36.718092
SJ-4643 POD23 (MW-EP-10)	2.38	22	-107.984144	36.718092

Purpose of Use: Groundwater monitoring and sampling

Place of Use: N/A

Amount of Water: N/A

2. No water shall be appropriated and beneficially used from any wells or borings approved under this permit.

3. No water shall be diverted from the well(s) except for initial well development and periodic sampling purposes. Upon completion of monitoring activities, the well(s) shall be plugged in accordance with Subsection C of 19.27.4.30 NMAC, unless a permit to use water is acquired from the NMOSE.

4. The well(s) may continue to be used indefinitely for groundwater sampling or monitoring required for the current site investigation and any associated remediation, so long as they remain in good repair. **A new permit shall be obtained from the NMOSE prior to replacing a well(s) or for any change in use as approved herein.**

5. Water well drilling and well drilling activities, including well plugging, are regulated under NMOSE Regulations 19.27.4 NMAC. These regulations apply and provide both general and specific direction regarding the drilling of wells in New Mexico. Note that the construction of any well that allows groundwater to flow uncontrolled to the land surface or to move appreciably between geologic units is prohibited.

6. In accordance with Subsection A of 19.27.4.29 NMAC, on-site supervision of well drilling/plugging is required by the holder of a New Mexico Well Driller License or a NMOSE-registered Drill Rig Supervisor. The New Mexico licensed Well Driller shall ensure that well drilling activities are completed in accordance with 19.27.4.29, 19.27.4.30 and 19.27.4.31 NMAC. However, pursuant to 72-12-12 NMSA 1978 and 19.27.4.8 NMAC, a driller's license is not required for the construction of a driven well with an outside casing diameter of 2⅜ inches or less and that does not require the use of a drill rig (e.g., auger) for installation. This exemption is not applicable to well plugging.

7. The permittee has not stated whether artesian conditions are likely to be encountered at the proposed well/borehole location(s). However, if artesian conditions are encountered during drilling, all rules and regulations pertaining to the drilling and casing and plugging of artesian wells shall be followed.

8. A Well Record documenting the as-built well construction and materials used shall be filed for each of the new wells in accordance with Subsection N of 19.27.4.29 NMAC. **Well Records shall be filed with the State Engineer (NMOSE District V, 100 Gossett Drive, Suite A, Aztec, NM, 87410) within 30 days after completion of the well(s).** Well installation(s) shall be complete, and the well record(s) filed no later than one year from the date of approval of this permit. The well record form is available at https://www.ose.nm.gov/Statewide/wdForms.php .

9. **If the required Well Record documentation is not received within one year of the date of permit approval, this permit will automatically expire.**

10. When the permittee receives approval or direction to permanently abandon the well(s)/borehole(s) covered by this permit, plugging shall be performed by a New Mexico licensed well driller. The well(s)/borehole(s) shall be plugged pursuant to Subsection C of 19.27.4.30 NMAC using the following method, unless an alternate plugging method has been

proposed by or on behalf of the well owner and approved by the NMOSE. If a well/borehole has encountered artesian conditions, a Well Plugging Plan of Operations shall be submitted and NMOSE approval obtained *prior* to the initiation of *any* well plugging activities concerning artesian wells. Additionally, if the following standardized plugging sealant is not appropriate for use due to incompatibility with the water quality or any soil and water contaminates encountered, a Well Plugging Plan of Operations shall be submitted and NMOSE approval obtained *prior* to the initiation of *any* well plugging activities.

a. Obstructions in a well/borehole shall be identified and removed if possible. If an obstruction cannot be removed, the method used to grout below and around the obstruction shall be described in detail in the plugging record.

b. Prior to plugging, calculate the theoretical volume of sealant needed for abandonment of the well/borehole based on the actual measured pluggable depth of the well/borehole and the volume factor for the casing/borehole diameter. Compare the actual volume of sealant placed in the well/borehole with the theoretical volume to verify the actual volume of sealant is equal to or exceeds the theoretical volume.

c. Portland Type I/II cement shall be used for the plugging sealant. The water mixed with the cement to create the plugging sealant shall be potable water or of similar quality. Portland cement has a fundamental water demand of 5.2 gallons of water per 94-lb sack of cement. Up to a maximum of 6.0 gallons per 94-lb sack is acceptable to allow for greater pumpability.

   Pure bentonite powder ("90 barrel yield") is allowed as a cement additive by NMOSE and American Water Works Association (AWWA) guidelines. If a bentonite additive is used, the following rates and mixing guidelines shall be followed. For a rate or a mixing procedure other than that provided below, the NMOSE District V office must be contacted for pre-approval. Neither granular bentonite nor extended-yield bentonite shall be mixed with cement for the purpose of this plugging activity. When supplementing a cement slurry with bentonite powder, water demand for the mix increases at a rate of approximately 0.65 gallon of water for each 1% increment of bentonite bdwc (by dry weight cement) above the stated base water demand of 5.2 gallons water per 94-lb sack of cement for neat cement. Bentonite powder must be hydrated separately with its required increment of water before being mixed into the wet neat cement. If water is otherwise added to the combination of dry ingredients or the dry bentonite is blended into wet cement, the alkalinity of the cement will restrict the yield of the bentonite powder, resulting in excess free water in the slurry and excessive cement shrinkage upon curing.

d. Placement of the sealant within the well/borehole shall be by pumping through a tremie pipe extended to near the bottom of the well/borehole and kept below the top of the slurry column (i.e., immersed in the slurry) as the well/borehole is plugged from bottom upwards in a manner that displaces the standing water column.

e. Prior to, or upon completion of plugging, the well casing may be cut-off below grade as necessary to allow for approved construction onsite, provided a minimum six-inch thickness of reinforced abandonment plugging sealant or concrete completely covers the top of the cut-off casing. Any remaining void to the surface may be filled with native soil, concrete, or asphalt as needed to match the surrounding surface material and blended with the surface topography to prevent ponding.

f. **Within 30 days after completion of well/borehole plugging, a complete Plugging Record shall be filed with the State Engineer** in accordance with Paragraph (3) of Subsection C of 19.27.4.30 NMAC for each well/boring plugged. The Well Plugging Record(s) shall be filed with the State Engineer at the NMOSE District V Office, 100 Gossett Drive, Suite A, Aztec, NM 87410. The well plugging record form is available at https://www.ose.nm.gov/Statewide/wdForms.php .

11. In accordance with Subsection C of 19.27.4.30 NMAC, a well/borehole that does not encounter groundwater may be immediately plugged by filling with drill cuttings or clean native fill to within 10 feet of land surface and by plugging the remaining 10 feet to the land surface with a sealant approved by the Office of the State Engineer. A Plugging Record shall be filed with the State Engineer as described above.

12. Should another regulatory agency sharing jurisdiction of the project authorize, or by regulation require, more stringent requirements than stated herein, the more stringent procedure should be followed. These, among others, may include provisions regarding pre-authorization to proceed, type of methods and materials used, inspection, or prohibition of free discharge of any fluid or other material to or from the well that is related to the drilling and/or monitoring process.

13. Pursuant to 72-12-3 NMSA 1978, the applicant may or may not have provided written documentation which the applicant claims as confirmation that access has been granted for the aforementioned well(s) to be located on property owned by someone other than the well owner/applicant. NMOSE approval of this permit in no way infers the right of access to land not owned by the well owner/applicant.

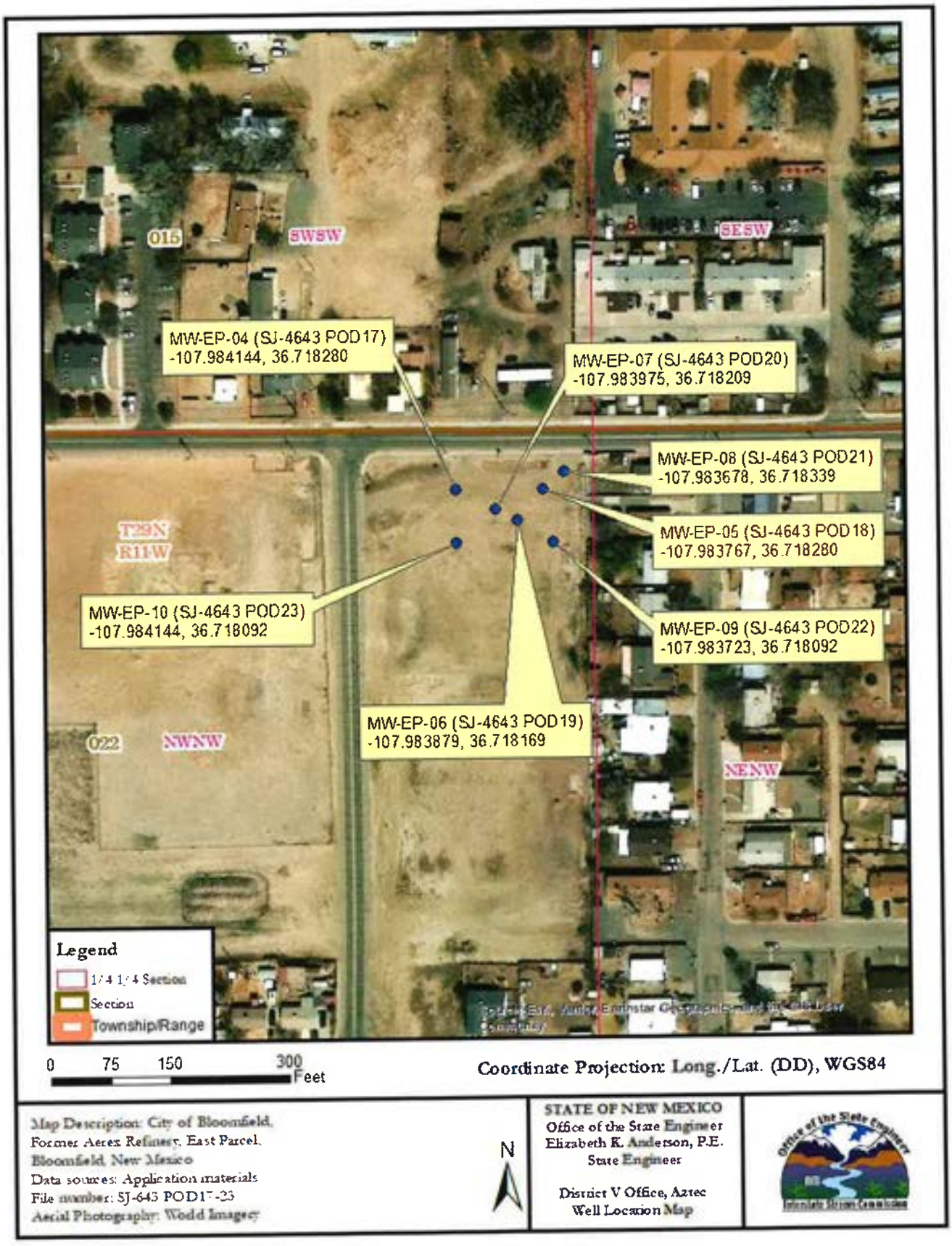
14. The State Engineer retains jurisdiction of this permit.

The application for Permit to Drill a Well(s) With No Water Right for well(s) SJ-4643 POD17-POD23, submitted on April 28, 2026, is hereby approved with the aforesaid conditions applied, when signed by an authorized designee of the State Engineer:

Witness my hand and seal this 6th day of May, A.D. 2026.
Elizabeth K. Anderson, P.E., State Engineer

By: _____
Ranee Deechilly
Water Rights Division District V

STATE OF NEW MEXICO STATE ENGINEER


015
SWSW
SESW
MW-EP-04 (SJ-4643 POD17)
-107.984144, 36.718280
MW-EP-07 (SJ-4643 POD20)
-107.983975, 36.718209
MW-EP-08 (SJ-4643 POD21)
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-107.983723, 36.718092
MW-EP-06 (SJ-4643 POD19)
-107.983879, 36.718169
022
NWNW
NENW
Legend
1/4 1/4 Section
Section
Township/Range
0 75 150 300
Feet
Coordinate Projection: Long./Lat. (DD), WGS84
Map Description: City of Bloomfield,
Former Aztec Refinery, East Parcel,
Bloomfield, New Mexico
Data sources: Application materials
File number: SJ-643 POD17-23
Aerial Photography: Wodd Imagery
N
STATE OF NEW MEXICO
Office of the State Engineer
Elizabeth K. Anderson, P.E.
State Engineer
District V Office, Aztec
Well Location Map

OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – AZTEC OFFICE

OFFICIAL RECEIPT NUMBER: 5 - 8017 DATE: 5-1-26 FILE NO.: TBD

TOTAL: 35.00 RECEIVED: Thirty five dollars and 00/100 DOLLARS ☐ CASH: X CHECK NO.: 13022

PAYOR: Michael McVey ADDRESS: 2719 Bosque Del Sol Ln NW

CITY: Albuquerque STATE: NM ZIP: 87120 RECEIVED BY: RD

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. **Original** to payor; **pink** copy to Program Support/ASD; **yellow** copy remains in district office; and **goldenrod** copy to accompany application being filed. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of the daily deposit.

A. Ground Water Filing Fees

___	1. Change of Ownership of Water Right	$ 2.00
___	2. Application to Appropriate or Supplement Domestic 72-12-1 Well	$ 125.00
___	3. Application to Repair or Deepen 72-12-1 Well	$ 75.00
___	4. Application for Replacement 72-12-1 Well	$ 75.00
___	5. Application to Change Purpose of Use 72-12-1 Well	$ 75.00
___	6. Application for Stock Well/Temp. Use	$ 5.00
___	7. Application to Appropriate Irrigation, Municipal, or Commercial Use	$ 25.00
___	8. Declaration of Water Right	$ 1.00
___	9. Application for Supplemental Non 72-12-1 Well	$ 25.00
___	10. Application to Change Place or Purpose of Use Non 72-12-1 Well	$ 25.00
___	11. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water	$ 50.00
___	12. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Ground Water	$ 50.00
___	13. Application to Change Point of Diversion of Non 72-12-1 Well	$ 25.00
___	14. Application to Repair or Deepen Non 72-12-1 Well	$ 5.00
7	15. Application for Test, Expl. Observ. Well	$ 5.00
___	16. Application for Extension of Time	$ 25.00
___	17. Proof of Application to Beneficial Use	$ 25.00
___	18. Notice of Intent to Appropriate	$ 25.00

B. Surface Water Filing Fees

___	1. Change of Ownership of a Water Right	$ 5.00
___	2. Declaration of Water Right	$ 10.00
___	3. Amended Declaration	$ 25.00
___	4. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Surface Water	$ 200.00
___	5. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water	$ 200.00
___	6. Application to Change Point of Diversion	$ 100.00
___	7. Application to Change Place and/or Purpose of Use	$ 100.00
___	8. Application to Appropriate	$ 25.00
___	9. Notice of Intent to Appropriate	$ 25.00
___	10. Application for Extension of Time	$ 50.00
___	11. Supplemental Well to a Surface Right	$ 100.00
___	12. Return Flow Credit	$ 100.00
___	13. Proof of Completion of Works	$ 25.00
___	14. Proof of Application of Water to Beneficial Use	$ 25.00
___	15. Water Development Plan	$ 100.00
___	16. Declaration of Livestock Water Impoundment	$ 10.00
___	17. Application for Livestock Water Impoundment	$ 10.00

C. Well Driller Fees

___	1. Application for Well Driller's License	$ 50.00
___	2. Application for Renewal of Well Driller's License	$ 50.00

D. Reproduction of Documents

___ @ 25¢/copy $_____

___ Map(s) $_____

E. Certification $_____

F. *Credit Card Convenience Fee $_____

G. Other_____ $_____

Comments:

Former Aerex Refinery

All fees are non-refundable.