

July 28, 2025

District Supervisor
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

Re: Revised Remediation Report and Closure Request
Breitburn Operating, LP
Jalmat Field Yates Sand Unit #216
Unit Letter E, Section 24, Township 22 South, Range 35 East
Lea County, New Mexico
NMOCD Incident ID# nPAC0534851527

Dear Sir or Madam.

Tetra Tech, Inc. (Tetra Tech) was contracted by Breitburn Operating, LP (Breitburn) to assist with the management of a historic release of oil associated with the Jalmat Field Yates Sand Unit #216 well, Unit Letter E, Section 24, Township 22 South, Range 35 East, in Lea County, New Mexico, at coordinates 32.3775177°, -103.329216° (Site). The location is shown in **Figure 1**.

BACKGROUND

According to the New Mexico Oil Conservation District (NMOCD) online OCD Permitting nPAC0534851527 Incident Details, on November 4, 2005, Breitburn reported that a flowline leak around the wellhead resulted in overspray of 3 barrels (bbls) of oil and 4 bbls of produced water across an area of 100 feet by 200 feet. According to available information, a vacuum truck and backhoe were mobilized to the site to conduct a release cleanup during the initial response. The release notification was submitted to NMOCD and subsequently assigned release Incident Identification (ID) nPAC0534851527. Based on the release narrative, the release is understood to have occurred in an area surrounding the wellhead, and the 100-foot by 200-foot area described is shown in **Figure 2**.

SITE CHARACTERIZATION

Receptors

Tetra Tech performed a site characterization for the release location. It did not identify any watercourses, sinkholes, playas, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains within the distances specified in 19.15.29.11 New Mexico Administrative Code (NMAC). Based on a review of the NMOCD Mapper, the site is in an area of low karst potential. The site characterization data is included in **Attachment 1**.

Depth to Groundwater

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geologic Survey (USGS) groundwater databases was completed to determine the proximity of known water sources. No known water wells are present within ½ mile of the Site. The nearest groundwater well is J-00040-POD1, located approximately 1.15 miles east of the Site, with a documented depth to groundwater of 270 feet below ground surface (bgs).

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Wetlands

Readily available data were reviewed to determine the status of the Site regarding wetland designation or potential wetlands existence. The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Wetlands Interactive Mapper and the New Mexico OpenEnviroMap were queried to determine if any potential wetlands are mapped near the release location. Based on the NWI and OpenEnviroMap review, The Site is not identified as having a mapped wetland within 300 feet of the Site.

Biologically Sensitive Areas

Readily available data were reviewed to determine if the Site lies within biologically sensitive areas. The U.S. Fish and Wildlife Services (USFWS) Information for Planning and Consultation (IPaC) and the New Mexico Department of Game and Fish (NMDGF) Environmental Review Tool (ERT) were queried to determine if sensitive wildlife or plant areas are present at the Site. The Site is not identified within biologically sensitive areas where remediation would impact sensitive wildlife or plant habitats.

Cultural Properties Protection

The remediation area at the Site is located in previously disturbed areas developed for oil and gas extraction; therefore, a cultural resource survey was not required at the Site to conduct remediation activities as they did not extend beyond the previously disturbed areas.

Soils

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), the Site is mapped as Pyote and Maljamar fine sands, a sandy soil type.

REGULATORY FRAMEWORK

Based upon the release footprint location and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX), Total Petroleum Hydrocarbons (TPH) in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site for unproven depth to groundwater within ½ mile of the Site are as follows:

Reclamation Requirements

| Constituent | Remediation RRAL |
|-------------------|------------------|
| Chloride | 600 mg/kg |
| TPH (GRO+DRO+ORO) | 100 mg/kg |
| BTEX | 50 mg/kg |
| Benzene | 10 mg/kg |

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NMOCD-APPROVED SITE ASSESSMENT AND REMEDIATION WORK PLAN

Tetra Tech prepared a Site Assessment and Remediation Work Plan dated February 6, 2025, that was submitted to OCD Permitting online on February 25, 2025, and subsequently approved by the NMOCD on March 3, 2025.

Site Assessment Work Plan

The Site Assessment and Remediation Work Plan proposed Site assessment sampling of the apparent release footprint, with soil samples collected on the basis of one (1) discrete sample location per 400 square feet across the apparent release reportedly covering 30,000 square feet (150 feet by 200 feet) as shown in **Figure 2**. A discrepancy in the work plan identified three (3) samples per location with two sampling intervals specified and Ms. Shelly Wells of the NMOCD called Charles Terhune of Tetra Tech on March 3, 2025, to obtain clarity and was informed the work plan was intended to collect two samples from each location. Two (2) samples were proposed to be collected from each sample location at depths of 1 to 2 feet bgs, and 3 to 4 feet bgs, and submitted for analysis of BTEX by Method 8021B, TPH by Method 8015M, and chloride by Method SM4500 CI-B. The results of the Site assessment sampling were proposed to guide the actual areas and volumes requiring remediation at the Site.

Remediation Work Plan

Based on the analytical results from the Site assessment sampling described above, Breitburn proposed to excavate and dispose of impacted material identified by the Site assessment sampling until confirmation samples demonstrated impacts above Reclamation Requirements both laterally and vertically.

Excavated soils were proposed to be transported off-site and disposed of at an NMOCD-approved or permitted facility. Once final analytical results demonstrating clean margins were received, the excavation would be backfilled with clean material to surface grade, sourced from a local supplier, prior to preparing the seed bed and reseeding pasture areas.

Alternative Confirmation Sampling Plan

In accordance with 19.15.29.12(D)(1)(b) NMAC, Breitburn requested an alternative confirmation sampling plan to adhere to NMOCD requirements that included sidewall and base confirmation sampling representative of 400 square feet of any required excavation base or sidewall area. Breitburn proposed to submit samples for laboratory analysis of BTEX by Method 8260B, TPH by Method 8015M, and chloride by Method 4500Cl-B. The NMOCD approved the alternative confirmation sampling plan with the Site Assessment and Remediation Work Plan.

SITE ASSESSMENT SAMPLING

On March 19, 2025, Tetra Tech mobilized to the site and advanced 48 sample locations (BH-1 through BH-48) across the northern half of the apparent release area, as shown in **Figure 2** and detailed in **Table 1**. On June 17 and 18, Tetra Tech returned and advanced 29 additional sample locations (BH-49 through BH-77) across the southern portion of the apparent release area. Two (2) soil samples were collected from each location at depth intervals of 1.0 to 2.0 feet bgs and 3.0 to 4.0 feet bgs. Samples were submitted to Cardinal Laboratory for analysis of BTEX by Method 8260B, TPH by Method 8015M, and chloride by Method 4500Cl-B. Site assessment sampling locations are presented in Figure 2, Laboratory analytical results screened against Reclamation Requirements are presented in **Table 2**, and laboratory analytical data packages are provided in **Attachment 3**.

Samples from BH-2, BH-6, BH-68, BH-76, and BH-77 reported concentrations of TPH and/or chloride as greater than Reclamation Requirements down to depths of 4 feet bgs, as shown in **Table 2**.

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REMEDIATION AND CONFIRMATION SAMPLING

Excavation activities commenced off of the north side of the well pad on March 25, 2025, addressing impacted areas at BH-2 and BH-6, and concluded on March 25, 2025. Excavation activities on the south side of the pad commenced on July 7, 2025, and concluded on July 18, 2025. Breitburn's subcontractor, McNabb Partners (McNabb), used heavy equipment to excavate impacted soil from the remediation area to a maximum depth of 9.5 feet bgs as shown in **Figure 3**. To avoid potential contact of heavy equipment with pressurized lines, heavy equipment was maintained at least 2 feet away from pressurized lines where hydro-excavation and hand-digging were employed.

McNabb excavated 195 cubic yards of contaminated soil from two 400-square-foot areas on the north side of the well pad and 469 cubic yards of contaminated soil from the 1,320-square-foot area on the southeast corner of the pad. Excavated material was transported to R360 Halfway Disposal and Landfill for offsite disposal. Photographs of the final excavation are provided in **Attachment 2**.

Confirmation Sampling Notification

On March 13, 2025, Tetra Tech notified the NMOCD of the initial confirmation sampling through the submission of a C-141N Sampling Notification submission in the NMOCD Permitting portal. Subsequent C-141N Sampling Notification submissions were provided through the NMOCD Permitting portal, up to and including final confirmation sampling at the Site, performed on July 18, 2025. Sampling notification was conducted in accordance with 19.15.29.12(D)(1)(a) NMAC and the Energy, Minerals and Natural Resources Department (EMNRD) Notice Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions dated December 1, 2023.

Confirmation Sampling

Upon reaching the excavation's final lateral and vertical excavation extents, Tetra Tech collected 19 final confirmation samples, including six (6) five-point composite floor samples and 13 five-point composite side wall samples from the excavated areas. The remediation excavations concluded as 5-foot, 7-foot, and 8 to 9.5-foot, deep excavations as shown in **Figure 3**, with a total area of 2,120 square feet and a sampling density of approximately one (1) confirmation sample per 354 square feet.

Samples were submitted to Cardinal Laboratory in Hobbs, New Mexico, to analyze BTEX by Method 8021B, TPH by Method 8015M, and chloride by Method SM4500Cl-B. Laboratory analytical results for final confirmation samples reported concentrations of BTEX, TPH, and chloride as less than the respective Reclamation Requirements, demonstrating clean margins. Confirmation sample laboratory analytical results screened against Reclamation Requirements are summarized in **Table 3**, and laboratory analytical data packages, including chain of custody documentation, are included in **Attachment 3**. Confirmation sampling locations and excavation extents are shown in **Figure 3**.

Excavation Backfill

On April 1, 2025, subsequent to the receipt of confirmation sample results, McNabb completed the backfilling of the two excavated areas on the north side of the pad with 200 cubic yards of clean topsoil. On July 23, 2025, subsequent to completion of the southeastern excavation and receipt of confirmation results, McNabb completed backfilling the southeast excavation with 456 cubic yards of clean topsoil.

Clean topsoil was sourced from the nearby Blevins Pit. Photographic documentation showing the excavated areas and final grading after backfilling is provided in **Attachment 2**.

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Reclamation and Revegetation

To restore the impacted surface areas to the condition that existed prior to the release, the excavated areas have been backfilled with clean topsoil, and disturbed areas of impacted pastureland have been graded back to match the surrounding topography and the pre-existing condition to provide erosion control, long-term stability, prevent ponding of water, and preserve surface water flow patterns.

Subsequent to restoring topography and contouring the pasture areas, the disturbed northern remediation areas of the Site, shown in **Figure 3**, were seeded with New Mexico State Land Office (NMSLO) Sandy (S) Sites Seed Mixture in accordance with the Site soil profile detailed above in the Site Characterization Section, to aid in vegetation growth to complete reclamation. Seeding was conducted via broadcast at the application rates specified for broadcast application in pounds pure live seed per acre according to the NMSLO Seed Mix Sandy (S) data sheet provided in **Attachment 4**.

CONCLUSION

Based on the confirmation sampling results, the impacted soil within the release footprint with concentrations greater than Reclamation Requirements has been removed and properly disposed of offsite, the excavated area has been backfilled with clean topsoil, and the pasture has been reclaimed; therefore, Site remediation is complete. Pasture areas have been reclaimed, and on-pad areas have been restored to the previous condition. Well pad Reclamation will be conducted at the end of the service life of the Jalmat Yates Pool Unit #216 well. If you have any questions concerning the remediation activities for the Site, please contact Chuck Terhune by phone at (281) 252-2093 or by email at chuck.terhune@tetratech.com.

Sincerely,

Charles Terhune IV, P.G.

Program Manager

Tetra Tech, Inc.

Anna Capri Perez

Anna apriferen

Environmental Scientist

Tetra Tech, Inc.

cc: Mr. Bryce Wagoner, Breitburn Operating, LP

New Mexico State Land Office

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LIST OF ATTACHMENTS

Figures

Figure 1 – Site Location and Topographic Map

Figure 2 – Approximate Release Extent and Site Assessment Map

Figure 3 – Remediation Extents and Confirmation Sampling Map

Tables

Table 1 – Site Assessment Locations

Table 2 – Summary of Analytical Results – Initial Site Assessment Sampling

Table 3 – Summary of Analytical Results – Remediation Confirmation Sampling

Attachments

Attachment 1 - Site Characterization Data

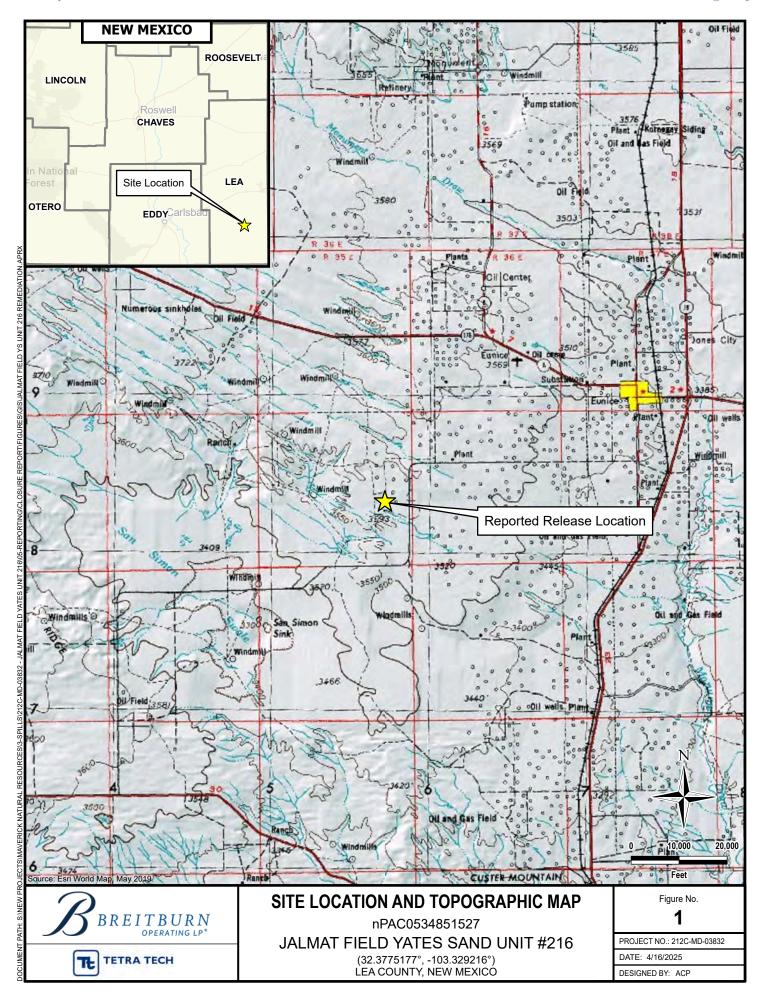
Attachment 2 - Photographic Log

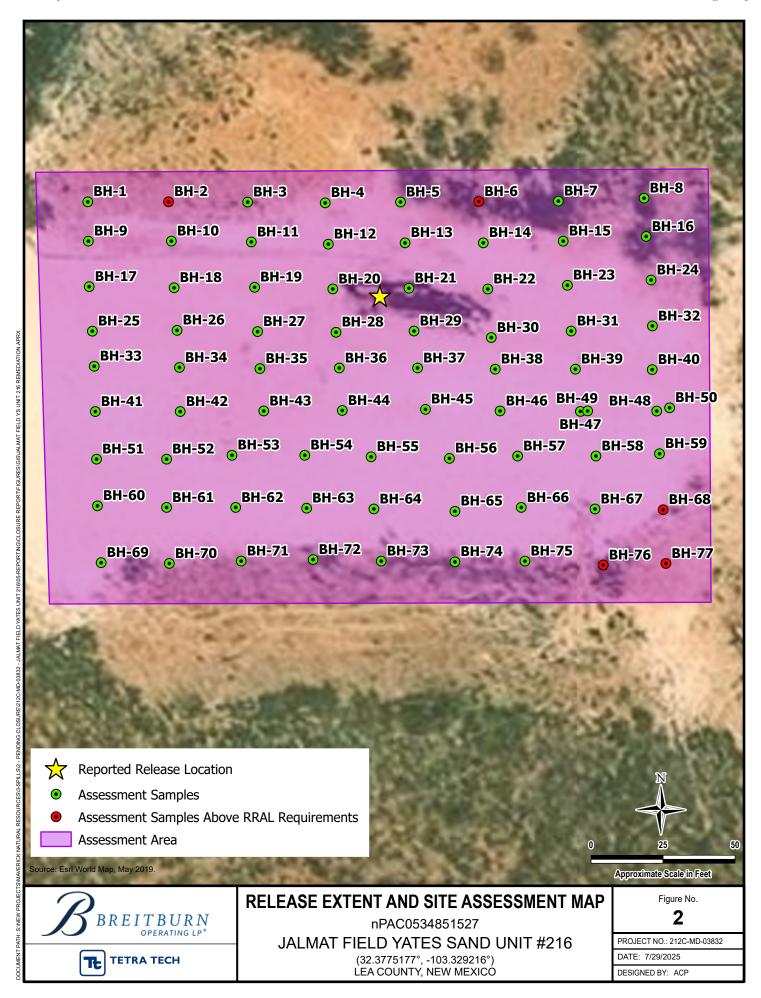
Attachment 3 - Laboratory Data

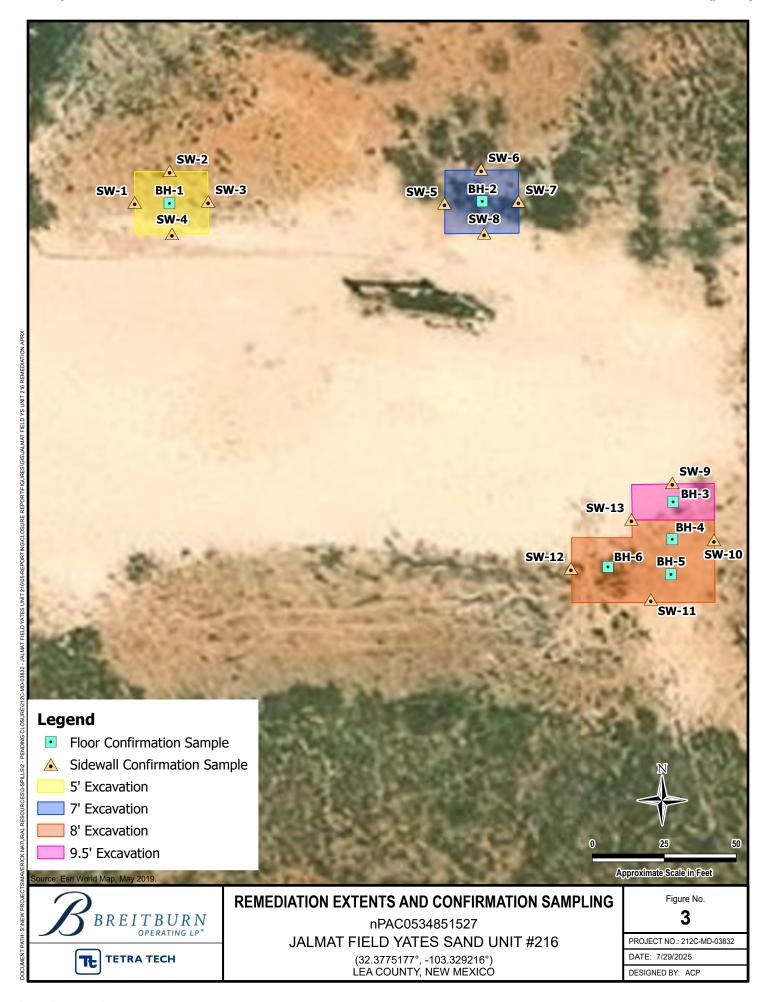
Attachment 4 - Seed Mixture

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FIGURES







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TABLES



TABLE 1 SOIL ASSESSMENT LOCATIONS INCIDENT NPAC0534851527 BREITBURN OPERATING, LP JALMAT FIELD YATES SAND UNIT #216 RELEASE LEA COUNTY, NEW MEXICO

| Boring ID | Date | Latitude | Longitude |
|-----------|-----------|-----------|-------------|
| BH-1 | 3/19/2025 | 32.377715 | -103.328918 |
| BH-2 | 3/19/2025 | 32.377782 | -103.329251 |
| BH-3 | 3/19/2025 | 32.377782 | -103.329251 |
| BH-4 | 3/19/2025 | 32.377814 | -103.329035 |
| BH-5 | 3/19/2025 | 32.377814 | -103.329035 |
| BH-6 | 3/19/2025 | 32.377814 | -103.329035 |
| BH-7 | 3/19/2025 | 32.377809 | -103.328906 |
| BH-8 | 3/19/2025 | 32.377604 | -103.329327 |
| BH-9 | 3/19/2025 | 32.377641 | -103.328964 |
| BH-10 | 3/19/2025 | 32.377641 | -103.328964 |
| BH-11 | 3/19/2025 | 32.377641 | -103.328964 |
| BH-12 | 3/19/2025 | 32.377661 | -103.329027 |
| BH-13 | 3/19/2025 | 32.377661 | -103.329027 |
| BH-14 | 3/19/2025 | 32.377661 | -103.329027 |
| BH-15 | 3/19/2025 | 32.377661 | -103.329027 |
| BH-16 | 3/19/2025 | 32.377604 | -103.329327 |
| BH-17 | 3/19/2025 | 32.377676 | -103.329214 |
| BH-18 | 3/19/2025 | 32.377636 | -103.329040 |
| BH-19 | 3/19/2025 | 32.377652 | -103.329001 |
| BH-20 | 3/19/2025 | 32.377652 | -103.329001 |
| BH-21 | 3/19/2025 | 32.377652 | -103.329001 |
| BH-22 | 3/19/2025 | 32.377652 | -103.329001 |
| BH-23 | 3/19/2025 | 32.377652 | -103.329001 |
| BH-24 | 3/19/2025 | 32.377604 | -103.329327 |
| BH-25 | 3/19/2025 | 32.377659 | -103.329039 |
| BH-26 | 3/19/2025 | 32.377659 | -103.329039 |
| BH-27 | 3/19/2025 | 32.377659 | -103.329039 |
| BH-28 | 3/19/2025 | 32.377659 | -103.329039 |
| BH-29 | 3/19/2025 | 32.377659 | -103.329039 |
| BH-30 | 3/19/2025 | 32.377604 | -103.329327 |
| BH-31 | 3/19/2025 | 32.377659 | -103.329039 |
| BH-32 | 3/19/2025 | 32.377604 | -103.329327 |
| BH-33 | 3/19/2025 | 32.377662 | -103.329025 |
| BH-34 | 3/19/2025 | 32.377662 | -103.329025 |
| BH-35 | 3/19/2025 | 32.377662 | -103.329025 |
| BH-36 | 3/19/2025 | 32.377662 | -103.329025 |
| BH-37 | 3/19/2025 | 32.377662 | -103.329025 |
| BH-38 | 3/19/2025 | 32.377662 | -103.329025 |
| BH-39 | 3/19/2025 | 32.377662 | -103.329025 |
| BH-40 | 3/19/2025 | 32.377662 | -103.329025 |
| BH-41 | 3/19/2025 | 32.377640 | -103.329113 |



TABLE 1 SOIL ASSESSMENT LOCATIONS INCIDENT NPAC0534851527 BREITBURN OPERATING, LP JALMAT FIELD YATES SAND UNIT #216 RELEASE LEA COUNTY, NEW MEXICO

| Boring ID | Date | Latitude | Longitude |
|-----------|-----------|-----------|-------------|
| BH-42 | 3/19/2025 | 32.377640 | -103.329113 |
| BH-43 | 3/19/2025 | 32.377640 | -103.329113 |
| BH-44 | 3/19/2025 | 32.377640 | -103.329113 |
| BH-45 | 3/19/2025 | 32.377640 | -103.329113 |
| BH-46 | 3/19/2025 | 32.377640 | -103.329113 |
| BH-47 | 3/19/2025 | 32.377640 | -103.329113 |
| BH-48 | 3/19/2025 | 32.377640 | -103.329113 |
| BH-49 | 6/17/2025 | 32.377314 | -103.329051 |
| BH-50 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-51 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-52 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-53 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-54 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-55 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-56 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-57 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-58 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-59 | 6/17/2025 | 32.377412 | -103.329229 |
| BH-60 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-61 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-62 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-63 | 6/17/2025 | 32.377561 | -103.329267 |
| BH-64 | 6/18/2025 | 32.377561 | -103.329267 |
| BH-65 | 6/18/2025 | 32.377561 | -103.329267 |
| BH-66 | 6/18/2025 | 32.377349 | -103.329212 |
| BH-67 | 6/18/2025 | 32.377349 | -103.329212 |
| BH-68 | 6/18/2025 | 32.377349 | -103.329212 |
| BH-69 | 6/18/2025 | 32.377349 | -103.329212 |
| BH-70 | 6/18/2025 | 32.377412 | -103.329229 |
| BH-71 | 6/18/2025 | 32.377415 | -103.329226 |
| BH-72 | 6/18/2025 | 32.377412 | -103.329229 |
| BH-73 | 6/18/2025 | 32.377413 | -103.329234 |
| BH-74 | 6/18/2025 | 32.377413 | -103.329234 |
| BH-75 | 6/18/2025 | 32.377413 | -103.329234 |
| BH-76 | 6/18/2025 | 32.377413 | -103.329234 |
| BH-77 | 6/18/2025 | 32.377413 | -103.329234 |



| | | | | | | | | | BTEX ² | | | | | | | | | | TPH ³ | |
|-----------------|---------------------|--------------|---------|----------------|---------|---|---------|---|-------------------|-----|--------------|----|-----------|----|----------------------------------|---|-----------------------|----|-------------------------------------|-------------------|
| | | Sample Depth | Chlorid | e ¹ | _ | | | | | | | | | | GRO | | DRO | | EXT DRO | Total TPH |
| Sample ID | Sample Date | | | | Benzen | е | Toluen | е | Ethylbenz | ene | Total Xylene | es | Total BTE | =X | C ₆ - C ₁₀ | , | > C ₁₀ - C | 28 | > C ₂₈ - C ₃₆ | (GRO+DRO+EXT DRO) |
| | | feet bgs | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg Q | mg/kg |
| Reclamation Req | uirements (19.15.29 | NMAC) | 600 | | 10 | | | | | | | | 50 | | | | | | | 100 |
| BH 1 (1-2') | 3/19/2025 | 1.0 - 2.0 | 32 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 1 (3-4') | 3/19/2025 | 3.0 - 4.0 | 304 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 2 (1-2') | 3/19/2025 | 1.0 - 2.0 | 176 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 2 (3-4') | 3/19/2025 | 3.0 - 4.0 | 976 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 3 (1-2') | 3/19/2025 | 1.0 - 2.0 | 80 | | < 0.050 | | <0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 3 (3-4') | 3/19/2025 | 3.0 - 4.0 | 48 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 4 (1-2') | 3/19/2025 | 1.0 - 2.0 | 32 | | < 0.050 | | <0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 4 (3-4') | 3/19/2025 | 3.0 - 4.0 | 256 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 5 (1-2') | 3/19/2025 | 1.0 - 2.0 | 32 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 5 (3-4') | 3/19/2025 | 3.0 - 4.0 | 128 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 6 (1-2') | 3/19/2025 | 1.0 - 2.0 | 704 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 6 (3-4') | 3/19/2025 | 3.0 - 4.0 | 8,800 | | < 0.050 | | < 0.050 | | 0.619 | | 0.748 | | 1.37 | | 44.2 | | 409 | | 83.7 | 536.9 |
| BH 7 (1-2') | 3/19/2025 | 1.0 - 2.0 | 16 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 7 (3-4') | 3/19/2025 | 3.0 - 4.0 | 16 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 8 (1-2') | 3/19/2025 | 1.0 - 2.0 | 16 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 8 (3-4') | 3/19/2025 | 3.0 - 4.0 | 16 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 9 (1-2') | 3/19/2025 | 1.0 - 2.0 | 64 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 9 (3-4') | 3/19/2025 | 3.0 - 4.0 | 192 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 10 (1-2') | 3/19/2025 | 1.0 - 2.0 | 32 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 10 (3-4') | 3/19/2025 | 3.0 - 4.0 | 224 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 11 (1-2') | 3/19/2025 | 1.0 - 2.0 | <16.0 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 11 (3-4') | 3/19/2025 | 3.0 - 4.0 | 336 | | < 0.050 | | <0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 12 (1-2') | 3/19/2025 | 1.0 - 2.0 | 64 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 12.0 | | 25.9 | 37.9 |
| BH 12 (3-4') | 3/19/2025 | 3.0 - 4.0 | 192 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 13 (1-2') | 3/19/2025 | 1.0 - 2.0 | 176 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | 17.4 | | <10.0 | 17.4 |
| BH 13 (3-4') | 3/19/2025 | 3.0 - 4.0 | 176 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 14 (1-2') | 3/19/2025 | 1.0 - 2.0 | 64 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 14 (3-4') | 3/19/2025 | 3.0 - 4.0 | 32 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 15 (1-2') | 3/19/2025 | 1.0 - 2.0 | 32 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 15 (3-4') | 3/19/2025 | 3.0 - 4.0 | 16 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 16 (1-2') | 3/19/2025 | 1.0 - 2.0 | <16.0 | | < 0.050 | | <0.050 | | < 0.050 | | <0.150 | 1 | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 16 (3-4') | 3/19/2025 | 3.0 - 4.0 | 32 | | < 0.050 | | <0.050 | | < 0.050 | | <0.150 | 1 | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 17 (1-2') | 3/19/2025 | 1.0 - 2.0 | 176 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | 1 | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 17 (3-4') | 3/19/2025 | 3.0 - 4.0 | 128 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | 1 | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 18 (1-2') | 3/19/2025 | 1.0 - 2.0 | 448 | | <0.050 | | <0.050 | | < 0.050 | | <0.150 | T | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 18 (3-4') | 3/19/2025 | 3.0 - 4.0 | 464 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | T | < 0.300 | П | <10.0 | | <10.0 | | <10.0 | - |



| | | | | | | | | | BTEX ² | | | | | | | | | Т | PH ³ | |
|------------------|---------------------|--------------|----------|---|---------|---|---------|---|-------------------|----|---------------|----|----------|-----|----------------------------------|---|-------------------------------------|---|-----------------------------------|-------------------|
| | | Sample Depth | Chloride | 1 | | | | | | T | | П | | | GRO | | DRO | | XT DRO | Total TPH |
| Sample ID | Sample Date | | | | Benzen | е | Toluen | e | Ethylbenzen | 1e | Total Xylenes | То | otal BTE | X - | C ₆ - C ₁₀ | | > C ₁₀ - C ₂₈ | > | C ₂₈ - C ₃₆ | (GRO+DRO+EXT DRO) |
| | | feet bgs | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg (| Q | mg/kg Q | m | ng/kg | Q | mg/kg | Q | mg/kg Q | _ | g/kg Q | , |
| Reclamation Requ | uirements (19.15.29 | NMAC) | 600 | | 10 | | | | | | | | 50 | | | | | | | 100 |
| BH 19 (1-2') | 3/19/2025 | 1.0 - 2.0 | 192 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 19 (3-4') | 3/19/2025 | 3.0 - 4.0 | 16 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 20 (1-2') | 3/19/2025 | 1.0 - 2.0 | 208 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 20 (3-4') | 3/19/2025 | 3.0 - 4.0 | 112 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 21 (1-2') | 3/19/2025 | 1.0 - 2.0 | 96 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 21 (3-4') | 3/19/2025 | 3.0 - 4.0 | 112 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 22 (1-2') | 3/19/2025 | 1.0 - 2.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 22 (3-4') | 3/19/2025 | 3.0 - 4.0 | 96 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 23 (1-2') | 3/19/2025 | 1.0 - 2.0 | 16 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 23 (3-4') | 3/19/2025 | 3.0 - 4.0 | 16 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 24 (1-2') | 3/19/2025 | 1.0 - 2.0 | 16 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 24 (3-4') | 3/19/2025 | 3.0 - 4.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 25 (1-2') | 3/19/2025 | 1.0 - 2.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 25 (3-4') | 3/19/2025 | 3.0 - 4.0 | 64 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 26 (1-2') | 3/19/2025 | 1.0 - 2.0 | 96 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 26 (3-4') | 3/19/2025 | 3.0 - 4.0 | 80 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 27 (1-2') | 3/19/2025 | 1.0 - 2.0 | 32 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 27 (3-4') | 3/19/2025 | 3.0 - 4.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 28 (1-2') | 3/19/2025 | 1.0 - 2.0 | 112 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 28 (3-4') | 3/19/2025 | 3.0 - 4.0 | 144 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | 27.6 | < | 10.0 | 27.6 |
| BH 29 (1-2') | 3/19/2025 | 1.0 - 2.0 | 128 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 29 (3-4') | 3/19/2025 | 3.0 - 4.0 | 48 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 30 (1-2') | 3/19/2025 | 1.0 - 2.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 30 (3-4') | 3/19/2025 | 3.0 - 4.0 | 80 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 31 (1-2') | 3/19/2025 | 1.0 - 2.0 | 48 | | <0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 31 (3-4') | 3/19/2025 | 3.0 - 4.0 | 80 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 32 (1-2') | 3/19/2025 | 1.0 - 2.0 | 16 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 32 (3-4') | 3/19/2025 | 3.0 - 4.0 | 32 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 33 (1-2') | 3/19/2025 | 1.0 - 2.0 | 208 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 33 (3-4') | 3/19/2025 | 3.0 - 4.0 | 144 | | <0.050 | | < 0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 34 (1-2') | 3/19/2025 | 1.0 - 2.0 | 144 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 34 (3-4') | 3/19/2025 | 3.0 - 4.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 35 (1-2') | 3/19/2025 | 1.0 - 2.0 | 192 | | < 0.050 | | <0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 35 (3-4') | 3/19/2025 | 3.0 - 4.0 | 80 | | <0.050 | | < 0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 36 (1-2') | 3/19/2025 | 1.0 - 2.0 | 64 | | <0.050 | | < 0.050 | | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |
| BH 36 (3-4') | 3/19/2025 | 3.0 - 4.0 | 32 | | < 0.050 | | < 0.050 | L | <0.050 | | <0.150 | <(| 0.300 | | <10.0 | | <10.0 | < | 10.0 | - |



| | | | | | | | | | BTEX ² | | | | | | | | | | TPH ³ | |
|------------------|---------------------|--------------|----------|----------------|---------|---|---------|---|-------------------|-----|------------|-----|-----------|----|----------------------------------|---|-----------------------|----|-------------------------------------|-------------------|
| | | Sample Depth | Chloride | ₂ 1 | | | | | | | | | | | GRO | | DRO | | EXT DRO | Total TPH |
| Sample ID | Sample Date | | | | Benzen | е | Toluen | е | Ethylbenze | ene | Total Xyle | nes | Total BTI | EX | C ₆ - C ₁₀ | n | > C ₁₀ - C | 20 | > C ₂₈ - C ₃₆ | (GRO+DRO+EXT DRO) |
| | | feet bas | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg Q | |
| Reclamation Requ | uirements (19.15.29 | | 600 | | 10 | | | | 33 | | | | 50 | | | | | Ħ | | 100 |
| BH 37 (1-2') | 3/19/2025 | 1.0 - 2.0 | 16 | | <0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | П | <10.0 | - |
| BH 37 (3-4') | 3/19/2025 | 3.0 - 4.0 | 32 | | <0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 38 (1-2') | 3/19/2025 | 1.0 - 2.0 | 64 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 38 (3-4') | 3/19/2025 | 3.0 - 4.0 | 32 | | <0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 39 (1-2') | 3/19/2025 | 1.0 - 2.0 | 144 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 39 (3-4') | 3/19/2025 | 3.0 - 4.0 | 208 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 40 (1-2') | 3/19/2025 | 1.0 - 2.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 40 (3-4') | 3/19/2025 | 3.0 - 4.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 41 (1-2') | 3/19/2025 | 1.0 - 2.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 41 (3-4') | 3/19/2025 | 3.0 - 4.0 | 32 | | < 0.050 | 1 | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 42 (1-2') | 3/19/2025 | 1.0 - 2.0 | 112 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 42 (3-4') | 3/19/2025 | 3.0 - 4.0 | 96 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 43 (1-2') | 3/19/2025 | 1.0 - 2.0 | 208 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 43 (3-4') | 3/19/2025 | 3.0 - 4.0 | 96 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 44 (1-2') | 3/19/2025 | 1.0 - 2.0 | 80 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 44 (3-4') | 3/19/2025 | 3.0 - 4.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 45 (1-2') | 3/19/2025 | 1.0 - 2.0 | 80 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 45 (3-4') | 3/19/2025 | 3.0 - 4.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 46 (1-2') | 3/19/2025 | 1.0 - 2.0 | 80 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 46 (3-4') | 3/19/2025 | 3.0 - 4.0 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 47 (1-2') | 3/19/2025 | 1.0 - 2.0 | 16 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 47 (3-4') | 3/19/2025 | 3.0 - 4.0 | 32 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 48 (1-2') | 3/19/2025 | 1.0 - 2.0 | <16.0 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 48 (3-4') | 3/19/2025 | 3.0 - 4.0 | <16.0 | | < 0.050 | | < 0.050 | | <0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 49 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 368 | | < 0.050 | | < 0.050 | | <0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 49 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 240 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 50 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 224 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 50 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 304 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 51 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 16 | | < 0.050 | | < 0.050 | | <0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 51 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 32 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 52 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 176 | | < 0.050 | | < 0.050 | | <0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 52 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 53 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 96 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 53 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 64 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 54 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 96 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 54 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 64 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 55 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 96 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 55 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 64 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 56 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 32 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |



| | | | | | | | | BTEX ² | | | | | | | | | TPH ³ | |
|------------------|---------------------|--------------|-----------------------|---------|---|---------|---|-------------------|-----------|------|------------|--------|----------------------------------|---|-----------------------|----------|-------------------------------------|-------------------|
| | | Sample Depth | Chloride ¹ | _ | | | | | | | | T | GRO | | DRO | | EXT DRO | Total TPH |
| Sample ID | Sample Date | | | Benzen | e | Toluene | • | Ethylbenzene | Total Xyl | enes | Total BTEX | T | C ₆ - C ₁₀ | | > C ₁₀ - C | 28 | > C ₂₈ - C ₃₆ | (GRO+DRO+EXT DRO) |
| | | feet bgs | mg/kg Q | mg/kg | Q | mg/kg | Q | mg/kg Q | mg/kg | Q | mg/kg C | 2 | mg/kg | Q | mg/kg | Q | mg/kg Q | mg/kg |
| Reclamation Requ | uirements (19.15.29 | NMAC) | 600 | 10 | | | | | | | 50 | | | | | | | 100 |
| BH - 56 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 48 | < 0.050 | | < 0.050 | | < 0.050 | < 0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 57 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 48 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 57 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 64 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 58 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 32 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 58 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 16 | < 0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 59 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 32 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 59 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 96 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 60 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 16 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 60 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 32 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 61 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 176 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 61 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 176 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 62 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 80 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 62 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 64 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 63 (1'-2') | 6/17/2025 | 1.0 - 2.0 | 80 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 63 (3'-4') | 6/17/2025 | 3.0 - 4.0 | 112 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 64 (1'-2') | 6/17/2025 | 1.0 - 2.0 | <16.0 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 64 (3'-4') | 6/18/2025 | 3.0 - 4.0 | <16.0 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 65 (1'-2') | 6/18/2025 | 1.0 - 2.0 | 128 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 65 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 144 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 66 (1'-2') | 6/18/2025 | 1.0 - 2.0 | 32 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | |
| BH - 66 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 16 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 67 (1'-2') | 6/18/2025 | 1.0 - 2.0 | 16 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 67 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 32 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 68 (1'-2') | 6/18/2025 | 1.0 - 2.0 | 16 | < 0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | | <100 | | 2,850 | | 1,350 | 4,200 |
| BH - 68 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 32 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <100 | | 3,020 | | 1,370 | 4,390 |
| BH - 69 (1'-2') | 6/18/2025 | 1.0 - 2.0 | 32 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 69 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 64 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 70 (1'-2') | 6/18/2025 | 1.0 - 2.0 | 16 | < 0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 70 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 32 | <0.050 | | < 0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 71 (1'-2') | 6/18/2025 | 1.0 - 2.0 | 16 | <0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | <u> </u> | <10.0 | - |
| BH - 71(3'-4') | 6/18/2025 | 3.0 - 4.0 | <16.0 | <0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | <u> </u> | <10.0 | - |
| BH - 72 (1'-2') | 6/18/2025 | 1.0 - 2.0 | <16.0 | <0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | <u> </u> | <10.0 | - |
| BH - 72 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 32 | <0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | \bot | <10.0 | | <10.0 | | <10.0 | - |
| BH - 73 (1'-2') | 6/18/2025 | 1.0 - 2.0 | <16.0 | <0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | \bot | <10.0 | | <10.0 | | <10.0 | - |
| BH - 73 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 16 | <0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 74 (1'-2') | 6/18/2025 | 1.0 - 2.0 | <16.0 | <0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 74 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 16 | <0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | \bot | <10.0 | | <10.0 | | <10.0 | - |
| BH - 75 (1'-2') | 6/18/2025 | 1.0 - 2.0 | <16.0 | <0.050 | | <0.050 | | <0.050 | <0.150 | | <0.300 | \bot | <10.0 | | <10.0 | | <10.0 | - |
| BH - 75 (3'-4') | 6/18/2025 | 3.0 - 4.0 | 16 | < 0.050 | | < 0.050 | | <0.050 | < 0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |



| | | | | | | | | | BTEX ² | | | | | | | | | | TPH ³ | | |
|------------------|---|--------------|----------|--------------|----------|---|----------|---|-------------------|-----|-------------|-----|-----------|----|----------------------------------|---|-----------------------|----|------------------------------------|----|-------------------|
| Sample ID | Sample Date | Sample Depth | Chloride | ¹ | Benzen | _ | Toluene | | Ethylhonz | ono | Total Xyler | 200 | Total PT | | GRO | | DRO | | EXT DR | C | Total TPH |
| Sample ID | Sample Date | | | | Delizeli | e | Toluelle | , | Elliyibeliz | ene | TOTAL AYIEL | ies | TOLAT DIE | -^ | C ₆ - C ₁₀ | | > C ₁₀ - C | 28 | > C ₂₈ - C ₅ | 36 | (GRO+DRO+EXT DRO) |
| | | feet bgs | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Ø | mg/kg |
| Reclamation Requ | eclamation Requirements (19.15.29 NMAC) | | 600 | | 10 | | | | | | | | 50 | | | | | | | | 100 |
| BH - 76 (1'-2') | 6/18/2025 | 1.0 - 2.0 | 16 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | 155 | | 110 | | 265 |
| BH - 76 (3'-4') | 6/18/2025 | 3.0 - 4.0 | <16.0 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | 613 | | 336 | | 949 |
| BH - 77 (1'-2') | 6/18/2025 | 1.0 - 2.0 | <16.0 | | < 0.050 | | < 0.050 | | <0.050 | | <0.150 | | < 0.300 | | <10.0 | | 586 | | 292 | | 878 |
| BH - 77 (3'-4') | 6/18/2025 | 3.0 - 4.0 | <16.0 | | < 0.050 | | < 0.050 | | < 0.050 | | < 0.150 | | < 0.300 | | <100 | | 1,140 | | 711 | | 1,851 |

NOTES:

bgs: Below ground surface mg/kg: Milligrams per kilogram TPH: Total Petroleum Hydrocarbons

ORO: Oil Range Organics

GRO: Gasoline Range Organics DRO: Diesel Range Organics

1: Method SM4500CI-B 2: Method 8021B

3: Method 8015M

Bold and highlighted values indicate exceedance of Reclamation Requirements (19.15.29 NMAC).



| | | | | | | | | | BTEX ² | | | | | | | | | | TPH ³ | |
|------------------|---------------------|--------------|-----------------------|---|---------|---|---------|---|-------------------|----|---------------|---|-----------|---|----------------------------------|---|------------------------------------|---|-------------------------------------|-------------------|
| Cample ID | Commis Data | Sample Depth | Chloride ¹ | ľ | Ванжан | _ | Taluana | | Ethydhause | | Total Vulanas | T | Total BTE | v | GRO | | DRO | | EXT DRO | Total TPH |
| Sample ID | Sample Date | | | | Benzen | е | Toluene | | Ethylbenze | ne | Total Xylenes | 5 | TOTAL DIE | ^ | C ₆ - C ₁₀ | | > C ₁₀ - C ₂ | 8 | > C ₂₈ - C ₃₆ | (GRO+DRO+EXT DRO) |
| | | feet bgs | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg G | 2 | mg/kg | Q | mg/kg | ø | mg/kg | Q | mg/kg Q | mg/kg |
| Reclamation Requ | uirements (19.15.29 | NMAC) | 600 | | 10 | | | | | | | | 50 | | | | | | | 100 |
| BH - 1 (4') | 3/27/2025 | 4.0 - 4.5 | 208 | | <0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH - 2 (7') | 3/27/2025 | 7.0 - 7.5 | 230 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 3 (8') | 7/16/2025 | 8.0 - 8.5 | 48 | | <0.050 | | <0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | 126 | | 19.2 | 145.2 |
| BH 3 (9.5') | 7/18/2025 | 9.5 - 10.0 | 112 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| BH 4 (8') | 7/16/2025 | 8.0 - 8.5 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | 73.4 | | <10.0 | 73.4 |
| BH 5 (8') | 7/16/2025 | 8.0 - 8.5 | 32 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | 59.8 | | <10.0 | 59.8 |
| BH 6 (8') | 7/16/2025 | 8.0 - 8.5 | 48 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | 70.1 | | <10.0 | 70.1 |
| SW 1 | 3/27/2025 | 0.0 - 4.0 | 208 | | <0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 2 | 3/27/2025 | 0.0 - 4.0 | 256 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 3 | 3/27/2025 | 0.0 - 4.0 | 64 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | < 0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 4 | 3/27/2025 | 0.0 - 4.0 | 224 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 5 | 3/27/2025 | 0.0 - 7.0 | 80 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 6 | 3/27/2025 | 0.0 - 7.0 | 160 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 7 | 3/27/2025 | 0.0 - 7.0 | 112 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 8 | 3/27/2025 | 0.0 - 7.0 | 176 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 9 | 7/14/2025 | 0.8 - 0.0 | 128 | | < 0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 10 | 7/14/2025 | 0.0 - 8.0 | 32 | | <0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 11 | 7/14/2025 | 0.0 - 8.0 | 16 | | <0.050 | | <0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 12 | 7/14/2025 | 0.0 - 8.0 | <16.0 | | <0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |
| SW 13 | 7/16/2025 | 0.0 - 8.0 | 32 | | <0.050 | | < 0.050 | | < 0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | - |

NOTES:

bgs: Below ground surface mg/kg: Milligrams per kilogram TPH: Total Petroleum Hydrocarbons GRO: Gasoline Range Organics

1: Method SM4500CI-B

DRO: Diesel Range Organics 2: Method 8021B

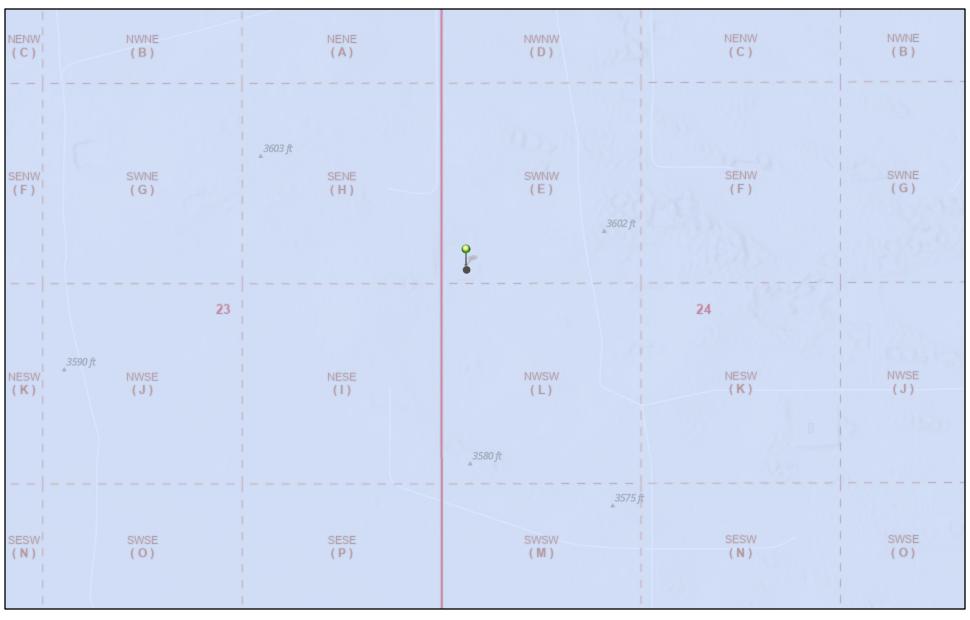
ORO: Oil Range Organics 3: Method 8015M

Bold and highlighted values indicate exceedance of Reclamation Requirements (19.15.29 NMAC). Laterally or vertically over excavated and resampled

Breitburn Operating, LP July 28, 2025

ATTACHMENT 1 – SITE CHARACTERIZATION DATA

Jalmat Field Yates Sand Unit #216

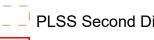


12/6/2024, 3:07:48 PM

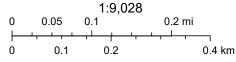
Override 1

Karst Occurrence Potential [_ _ PLSS Second Division

Low



PLSS First Division



BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, USGS, OCD, Esri Community Maps Contributors, New Mexico State University,



MAP LEGEND

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0

Δ

Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

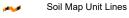
Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|-----------------------------|-------------------------------|--------------|----------------|
| PU | Pyote and Maljamar fine sands | 3.9 | 100.0% |
| Totals for Area of Interest | | 3.9 | 100.0% |



Jalmat Field Yates Sand Unit #216



December 6, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

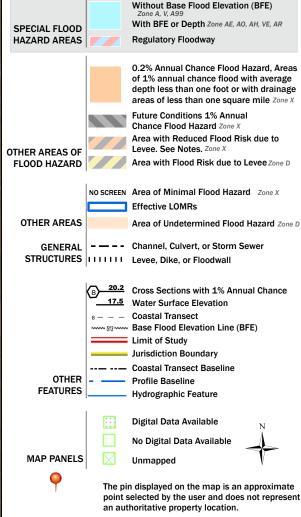
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/6/2025 at 5:00 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Мар |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-----|
| NA | J 00040 POD1 | SE | NW | SW | 18 | 26N | 36E | 658962.2 | 3583082.0 | |

* UTM location was derived from PLSS - see Help

| Driller License: | 1723 | Driller Company: | SBQ2, LLC DBA STEWART BROTHERS DRILLING CO. | | |
|----------------------|-------------|-------------------------|---|---------------------|------------|
| Driller Name: | STEWART, RA | NDAL P.EE.NER | | - | |
| Drill Start Date: | 2019-07-14 | Drill Finish Date: | 2019-07-14 | Plug Date: | 2019-07-14 |
| Log File Date: | 2020-01-02 | PCW Rcv Date: | | Source: | |
| Pump Type: | | Pipe Discharge Size: | | Estimated Yield: | |
| Casing Size: | | Depth Well: | | Depth Water: | 270 |

implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or

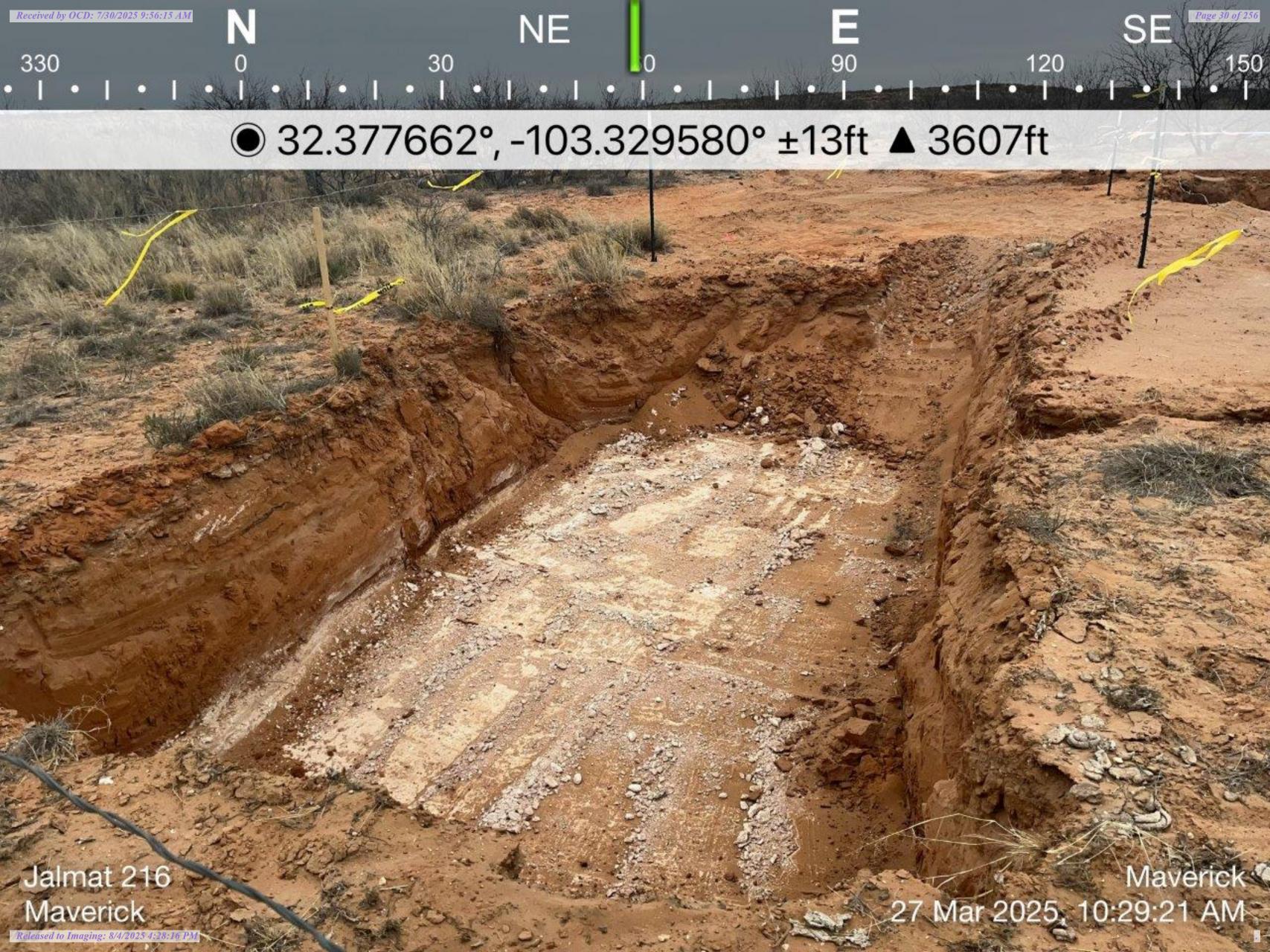
12/26/24 7:49 AM MST Point of Diversion Summary

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Breitburn Operating, LP July 28, 2025

ATTACHMENT 2 – PHOTOGRAPHIC LOG

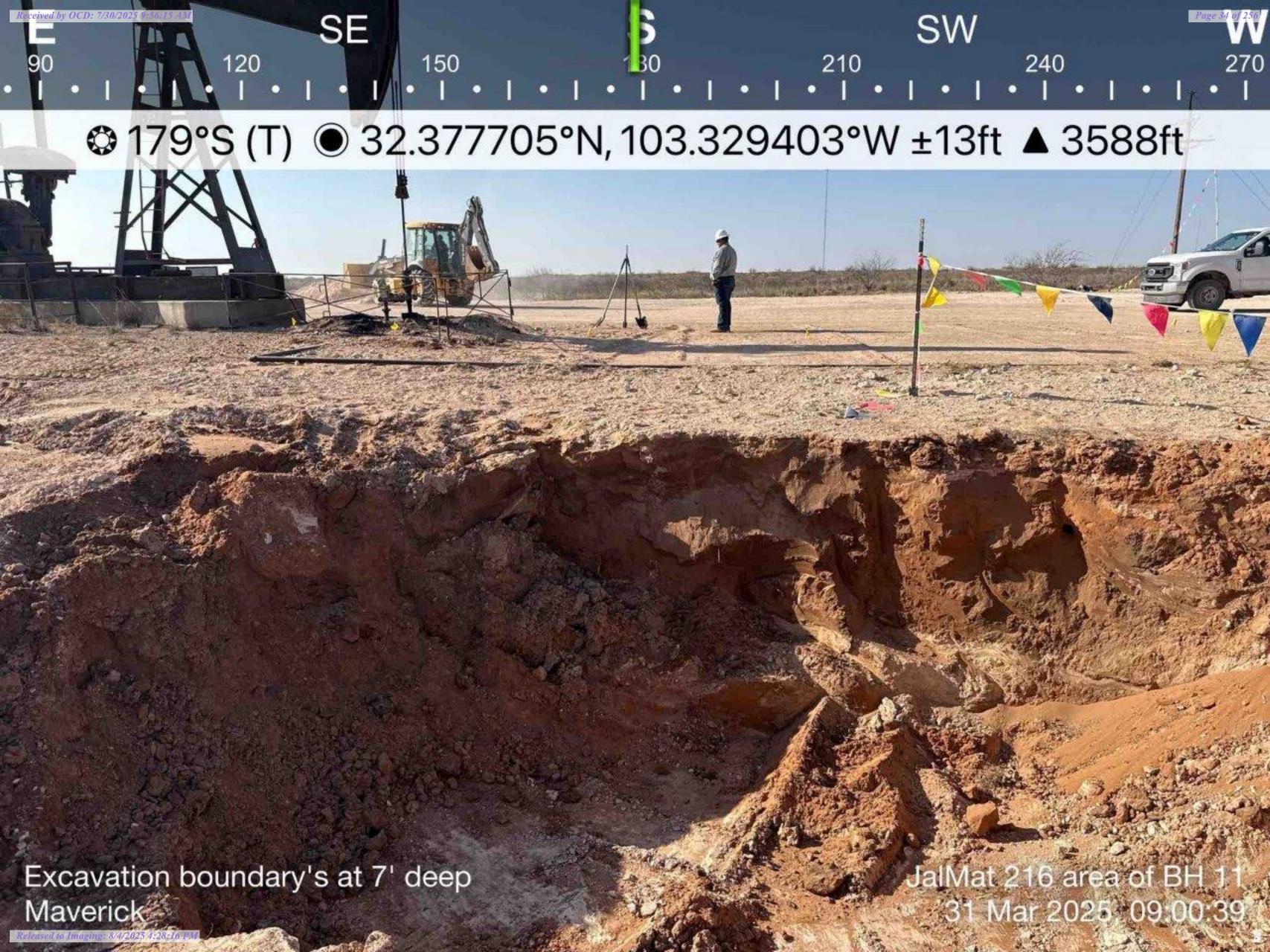












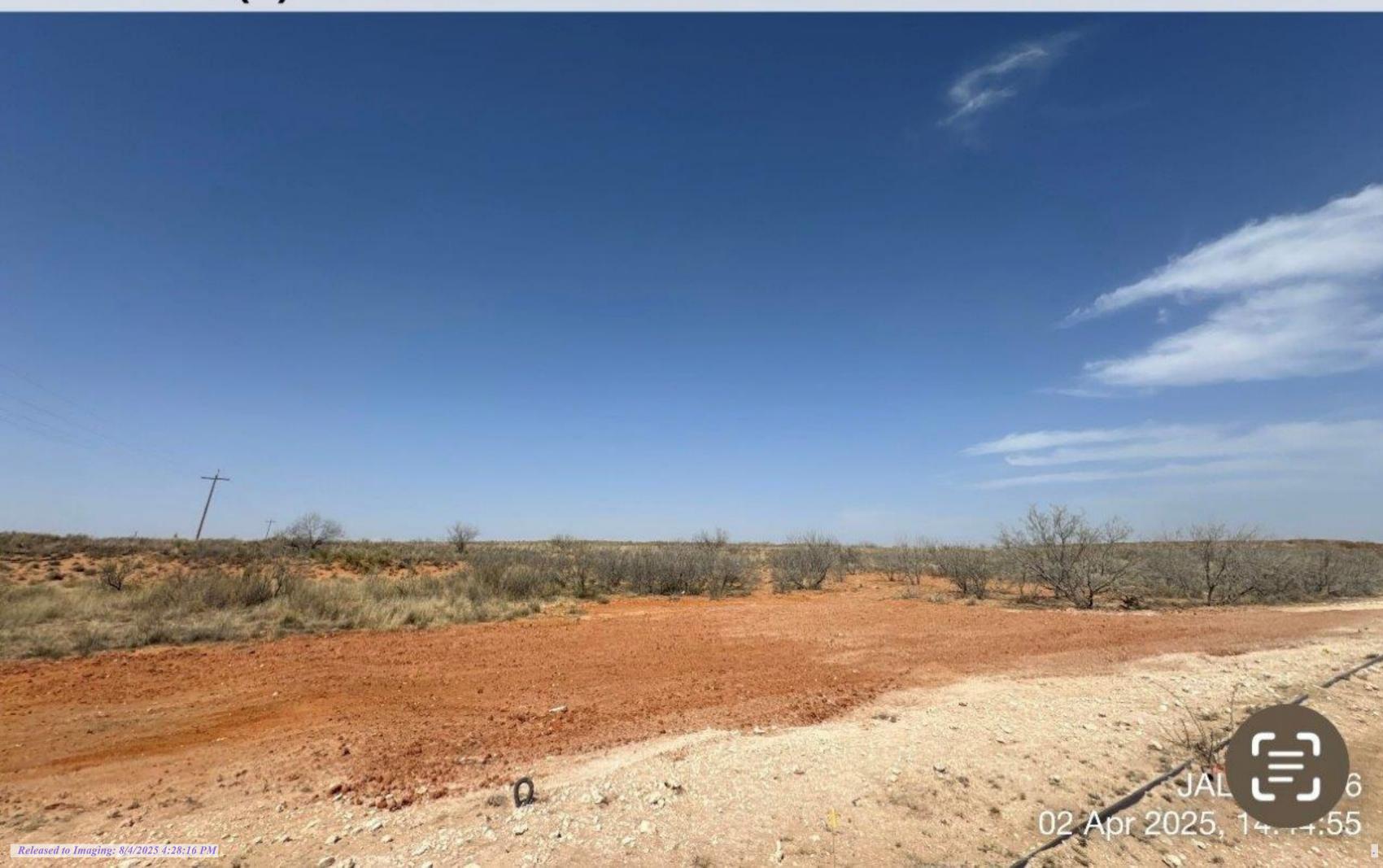


North East Elevation

© 232°SW (T) LAT: 32.377774 LON: -103.329409 ±13ft ▲ 3587ft



South West Elevation



Revised Remediation Report and Closure Request Jalmat Yates Field Sand Unit #216 Incident ID# nPAC0534851527 Breitburn Operating, LP July 28, 2025

ATTACHMENT 3 – LABORATORY DATA



March 24, 2025

CHRIS STRAUB
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: JALMAT FIELD YATES SAND UNIT #216

Enclosed are the results of analyses for samples received by the laboratory on 03/19/25 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 1 (1-2') (H251630-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | QM-07 |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 225 | 112 | 200 | 6.90 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 103 | 200 | 5.92 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 120 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 9 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STE

 $901~\mbox{WEST}$ WALL STREET , STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 1 (3-4') (H251630-02)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.6 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 2 (1-2') (H251630-03)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.4 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 2 (3-4') (H251630-04)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 976 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.8 | % 44.4-14 | 15 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 69.4 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

mg/kg

Sample ID: BH 3 (1-2') (H251630-05)

BTEX 8021B

| DILX GOZID | ıııg, | , kg | Andryzo | .u Dy. 311 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.8 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: LEA COUNTY, NM

mg/kg

Sample ID: BH 3 (3-4') (H251630-06)

BTEX 8021B

| DILX GOZID | iiig/ | , kg | Allulyzo | .u Dy. 311 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.0 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 77.5 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 4 (1-2') (H251630-07)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.8 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.6 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey & Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 4 (3-4') (H251630-08)

| BTEX 8021B | mg/ | kg | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.1 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.1 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 5 (1-2') (H251630-09)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.4 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 5 (3-4') (H251630-10)

| BTEX 8021B | mg/ | kg | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 03/21/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.8 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.3 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

 $901~\mbox{WEST}$ WALL STREET , STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 6 (1-2') (H251630-11)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 704 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.7 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 74.1 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine

C-04



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL ST

 $901\ \text{WEST}\ \text{WALL}\ \text{STREET}$, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 6 (3-4') (H251630-12)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | 5-04 |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | GC-NC |
| Ethylbenzene* | 0.619 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | 0.748 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | GC-NC1 |
| Total BTEX | 1.37 | 0.300 | 03/20/2025 | ND | | | | | GC-NC1 |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 8800 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 44.2 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | 409 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | 83.7 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.7 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.8 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 7 (1-2') (H251630-13)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.3 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 7 (3-4') (H251630-14)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.2 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 8 (1-2') (H251630-15)

| BTEX 8021B | mg/kg | | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.8 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.7 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 8 (3-4') (H251630-16)

| BTEX 8021B | mg/kg | | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.9 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 9 (1-2') (H251630-17)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.8 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.6 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 9 (3-4') (H251630-18)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.1 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 10 (1-2') (H251630-19)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | < 0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.1 | % 44.4-14 | 15 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.7 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 10 (3-4') (H251630-20)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.07 | 104 | 2.00 | 8.21 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.29 | 115 | 2.00 | 15.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.49 | 124 | 2.00 | 17.1 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 7.37 | 123 | 6.00 | 17.4 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.0 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 11 (1-2') (H251630-21)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 207 | 104 | 200 | 2.16 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 100 | 200 | 1.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.8 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDIAND TV 70704

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: LEA COUNTY, NM

Sample ID: BH 11 (3-4') (H251630-22)

BTEX 8021B

| DIEX GOZID | 11197 | Kg | Allulyzo | .u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 142 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.9 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 12 (1-2') (H251630-23)

| BTEX 8021B | mg/ | kg | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | 12.0 | 10.0 | 03/20/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | 25.9 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.4 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH
CHRIS STRAUB

 $901~\mbox{WEST}$ WALL STREET , STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 12 (3-4') (H251630-24)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 127 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.0 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.7 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

 $901~\mbox{WEST}$ WALL STREET , STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 13 (1-2') (H251630-25)

RTFY 8021R

| B1EX 8021B | mg/ | кg | Апануге | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 123 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | Analyzed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | 17.4 | 10.0 | 03/20/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.0 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.2 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

 $901~\mbox{WEST}$ WALL STREET , STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

mg/kg

Sample ID: BH 13 (3-4') (H251630-26)

BTEX 8021B

| DIEX GOZID | ıııg, | K9 | Allulyzo | .u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | Analyzed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.8 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 14 (1-2') (H251630-27)

| BTEX 8021B | mg, | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | 'kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.7 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.7 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 14 (3-4') (H251630-28)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 117 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.0 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.7 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 15 (1-2') (H251630-29)

| BTEX 8021B | mg | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 120 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | 'kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.0 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 15 (3-4') (H251630-30)

| Recovery True Value QC RPD Qualified 100 2.00 7.26 105 2.00 8.74 |
|--|
| |
| 105 2.00 8.74 |
| |
| 110 2.00 8.05 |
| 112 6.00 7.44 |
| |
| |
| |
| Recovery True Value QC RPD Qualifi |
| 108 400 3.64 |
| |
| Recovery True Value QC RPD Qualifi |
| 104 200 3.25 |
| 101 200 2.23 |
| |
| |
| |
| Re |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 16 (1-2') (H251630-31)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | < 0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 133 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.8 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.1 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 16 (3-4') (H251630-32)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | < 0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.3 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 78.4 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 17 (1-2') (H251630-33)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 125 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.1 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.3 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH
CHRIS STRAUB

 $901\ \mathsf{WEST}\ \mathsf{WALL}\ \mathsf{STREET}$, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 17 (3-4') (H251630-34)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 123 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.9 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH
CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 18 (1-2') (H251630-35)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 125 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 448 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.8 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.1 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 18 (3-4') (H251630-36)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 129 5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.1 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.4 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 19 (1-2') (H251630-37)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 131 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.5 | % 44.4-14 | 75 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.7 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH
CHRIS STRAUB

 $901\ \mathsf{WEST}\ \mathsf{WALL}\ \mathsf{STREET}$, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 19 (3-4') (H251630-38)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 130 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.4 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 20 (1-2') (H251630-39)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | < 0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 134 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.4 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.0 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 20 (3-4') (H251630-40)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.00 | 100 | 2.00 | 7.26 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.09 | 105 | 2.00 | 8.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.20 | 110 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.69 | 112 | 6.00 | 7.44 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 132 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 75.9 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH
CHRIS STRAUB
901 WEST WALL STREET , STE 100

AND THE TOTAL

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: LEA COUNTY, NM

mg/kg

Sample ID: BH 21 (1-2') (H251630-41)

BTEX 8021B

| | 9/ | 9 | 7.1.4.7.2 | | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 208 | 104 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 201 | 101 | 200 | 2.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.6 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 21 (3-4') (H251630-42)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 % | 6 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 22 (1-2') (H251630-43)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 % | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | 6 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 22 (3-4') (H251630-44)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 9 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

mg/kg

Sample ID: BH 23 (1-2') (H251630-45)

BTEX 8021B

| | 9/ | 9 | 7.1.4.7.2 | , | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH
CHRIS STRAUB

 $901~\mbox{WEST}$ WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 23 (3-4') (H251630-46)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH
CHRIS STRAUB

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 24 (1-2') (H251630-47)

BTEX 8021B

| DIEX GOZID | iiig/ | , kg | Allulyzo | .u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 44.4-14 | 15 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 24 (3-4') (H251630-48)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 9 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 25 (1-2') (H251630-49)

BTEX 8021B

| DILX GOZID | iiig/ | , kg | Allulyzo | .u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 | % 44.4-14 | 15 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 25 (3-4') (H251630-50)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | % 40.6-15 | 3 | | | | | | |

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-04 The RPD for the BS/BSD was outside of historical limits.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with

nterfering compounds.

GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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| | r: Date: Time: | Late: Hills. | ante 3/19/150 | Date: | BH 10 (3-4") | BH 10 (1-2") | BH 9 (3-4') | BH 9 (1-2') | BH 8 (3-4') | BH 8(1-2') | BH 7 (3-4') | BH 7 (1-2') | BH 6 (3-4') | BH 6 (1-2') | | SAMPLE IDENTIFICATION | | orge.fernandez@tetratecn.com | | ory: Cardinal Laboratories | Tetratech | (county, Lea County, NM | Jalmat Field Yates Sand Unit #216 | Maverick Natural Resources | | Tetra Tech, Inc. | of Phain of Custody Record |
| ORIGINAL COPY | Received by: | | Received by: | Received by: | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | DATE | 2023 | | SAMPLING | | Sampler Signature. | | Project #: | Contact IIIIo. | Cartant Info: | Site Manager: | | 4" |
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| | | | | | × | | | × | × | × | × | × | × | × | SOI | _ | - | MATRIX | | Adr | | | chris.straub@tetrate | Chris Straub | | 901 \ N | |
| | Date: | | Date | Date: | | F | F | F | | | | F | F | F | HCL | _ | + | Ξ̈́ | | Adrian Garcia | | | traub(| otraub | | 901 West Wall St, Suite 10 Midland,Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 | |
| | ite: | | 3.6 | | F | × | × | × | × | × | × | × | × | × | HNO | D ₃ | MEIHOU | PRESERVATIVE | | arcia | | | <u> Dtetra</u> | | | St, Suite xas 79701 382-4559 682-3946 | |
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| 4 | Tetra Tech, Inc. | | | 901 West Midlar Tel (Fax (| 901 West Wall St, Suite 100 Midland,Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 | 100 | | | | | | | | | | | | | | | pi ni | |
|-----------------------|-----------------------------------|--------------------|------|--------------------------------------|--|--------------|----------|-------|--------------------|----------------|---------|----------|----------|-----------|---------|------------------|--------|--------------------------------------|-------------------|-------|---------|---------|
| Client Name: | Maverick Natural Resources | Site Manager: | C | Chris Straub | aub | | | | | | Circle | A A | | ALYSIS RE | RE | ANALYSIS REQUEST | QUEST | No | | 1 | | |
| Project Name: | Jalmat Field Yates Sand Unit #216 | Contact Info: | IΩ | hris.stra | chris.straub@tetratech.com | atech.cc | E | | View 1 | | | | | | | | | | | | | |
| Project Location: | (county, Lea County, NM | Project #: | | | | | | | | | | | | | | | | | list) | | | |
| nvoice to: | Tetratech | | | | | | | | | | | ng | | | - | | | | ached | | ent | |
| Receiving Laboratory: | Cardinal Laboratories | Sampler Signature: | re: | Adrian | ı Garcia | | | | | ORO) | Pb Se H | Pb Se | | | 5 | | | | see atta | | equival | , |
| Comments: | | | | | | | | | 35) | RO - (| | Ca Ci | | 24 | OC/62 | | DO | TDS | | | | |
| Joro | orge.temandez@tetratecn.com | SAMPLING | | MATRIX | PRESE | PRESERVATIVE | s | N) | xt to (| RO - I | | J AS B | atiles | 60B / (| | 00 | | fate | | | | |
| JASJUS - | SAMPLE IDENTIFICATION | 2023 | | | | | TAINE | | | | etals A | olatiles | Semi Vo | Vol. 8 | Semi. | 8082 / | sbesto | le Si | al Wate Cation | tos | | ectroco |
| LAB USE ONLY | | DATE | TIME | SOIL | HCL HNO₃ ICE | ICE | # CON | FILTE | BTEX TPH T | TPH 8 PAH 8 | Total M | | TCLP S | | | NORM | PLM (A | Chlori | | Asbes | | |
| <u> </u> | BH 11 (1-2') | 3/19/2025 | 8:20 | × | × | _ | 1 N | | × | × | | \vdash | | | | | × | Ê | | | - | + |
| 33 | BH 11 (3-4") | 3/19/2025 | 8:25 | × | × | | | z | × | × | | + | | | F | + | × | ŕ | | | | + |
| 33 | BH 12 (1-2') | 3/19/2025 | 8:30 | × | × | | | z | × | × | | + | F | + | F | + | × | ŕ | F | | F | + |
| \$ | BH 12 (3-4') | 3/19/2025 | 8:35 | × | × | Ê | | | × | × | | + | T | + | T | + | × | <u>+</u> ^ | | | - | + |
| 35 | BH 13(1-2") | 3/19/2025 | 8:40 | × | × | Ê | <u>_</u> | z | × | × | \pm | + | # | + | - | + | × | 宁 | Ŧ | \pm | + | + |
| a, | BH 13 (3-4") | 3/19/2025 | 8:45 | × | × | Ê | | z | × | × | | + | - | + | F | + | × | + | | | T | + |
| 9 | BH 14 (1-2') | 3/19/2025 | 8:50 | × | × | | | z | × | × | | + | 1 | + | | | < × | + | | | \perp | + |
| 98 | BH 14 (3-4') | 3/19/2025 | 8:55 | × | × | + | | Z | × | × | \pm | + | # | + | 1 | + | < > | + | T | \pm | T | + |
| 20 | BH 15 (1-2') | 3/19/2025 | 9:00 | ×× | × × | + | | ZZ | × > | × > | | + | 1 | + | \perp | + | ×I | ~ ' | | | | - |
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| CRelinquished by: | Date: Time: | Received by: | | | Date: | Time: | | | | # | THO | | | Speci | al Re | port L | imits | Special Report Limits or TRRP Report | RP R | eport | | |
| | | | | | | | | | (Circle) | HAND DELINEBED | | | | | | - | | | | | | |

| AMALYSIS REQUEST Chris.straub@ileratech.com | d by | Relinquished by: | 7/3 | Relinquished by: | 25 | 2 | 11390 | 5 39 | M 38 | 12 | W. | R | का | ll de | H. | 72 | (LAB USE) | TAB# | 9 | jo | Comments: | Receiving Laboratory: | Invoice to: | Project Location: state) | Project Name: | Doingt Name: | Client Name: | Pag |
|--|----------|------------------|-------|------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|--------------|-------------|-----------------------|--|------------------------------|-----------|-----------------------|-------------|--------------------------|-----------------------------------|---------------|----------------------------|--|
| Chris Straub@letratech.com Ch | | | | | 119/25 15 | | BH 20 (3-4') | BH 20 (1-2') | BH 19 (3-4") | BH 19 (1-2') | BH 18 (3-4') | BH 18(1-2') | BH 17 (3-4') | BH 17 (1-2') | BH 16(3-4') | BH 16 (1-2') | | SAMPLE IDENTIFICATION | A CONTRACTOR OF THE PARTY OF TH | orge.fernandez@tetratech.com | | | Tetratech | | Jalmat Field Yates Sand Unit #216 | | Maverick Natural Resources | Tetra Tech, Inc. |
| Chris Straub Chris | | Received by: | | Received by: | app | Received by: | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | DATE | | SAMPL | | | Sampler Signat | | Project #: | | Contact Info: | Site Manager: | |
| AND DELIVERED ANALY ANAL | | | | | NO | | 9:55 | 9:50 | 9:45 | 9:40 | 9:35 | 9:30 | 9:25 | 9:20 | 9:15 | 9:10 | | | ING | | | ure: | | | IO | | 0 | |
| AND DELIVERED ANALY ANAL | | | | | | | | × | × | × | × | × | × | × | × | × | | | MAIRIX | ATDIV | | Adrian | | | hris.strau | 1 | hris Stra | 901 West Midlan Tel (4 Fax (4 |
| Circle HAND DELIVERED | | | | | Ó | | - | × | × | × | × | × | × | × | × | × | HNO | 3 | METH | PRESER | | Garcia | | | ub@tetra | | du | 901 West Wall St, Suite 100 Midland,Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 |
| AND DELIVERED ANALY ANAL | | Time: | | lime: | | Ime: | | E | | | | E | E | E | E | E | | / | ġ | VATIVE | | | | | tech.com | | | 100 |
| Color | | | | | 8 | | 1 N | 1 2 | | | 1 N | | | _1 Z | _1 _2 | 1 N | | | | ┪ | | | | | | | | , a |
| PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles | Ĉ | | | Sa | | | × | × | < > | × | × | × | × | × | × | × | | | |) | | | | | | _ | | |
| TCLP Volatiles TCLP Semi Volatiles | rcle) HA | | 0.000 | mple Ter | 9 | LAB | × | × | < > | × | × | × | × | × | × | × | TPH | 8015N | (GF | | | ORO) | | | | - | | |
| TCLP Volatiles TCLP Semi Volatiles | ND DEL | #140 | 5 | nperatur | 7 | USE | | | + | | | | | | | | Total | Metals | Ag A | | | | | | | CIIC | 0 | |
| TCLP Semi volatiles | WERED | | - 0 | , | | 7 | P | + | \pm | \pm | | \pm | | | | | TCLF | Volati | les | | a Cd C | r Pb Se | e Hg | | | - 0 | D | |
| GC/MS Vol. 8260B / 624 City Metho GC/MS Semi. Vol. 8270C/625 Wetho GC/MS Semi. Vol. 8270C/625 Wetho GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) PLM (As | 1 1 | Sp | Ru | 2 | X R | | MARK | | | | 1 | 1 | \pm | | | + | RCI | | | | | | | | | - 0 | ALYS | |
| PCB's 8082 / 608 Wetho Trackin iiiti | | ecial F | sh Ch | | | Ģ | , | F | T | | - | + | + | + | + | | | | | | | 25 | | | | ÇII y | | |
| Tackin mitting Day | 1.1 | Report | arges | | Same | | F | + | + | + | + | + | + | + | | - | | | 2 / 60 | 8 | | | | | | _ | m | |
| (0 1/0 0 | racking | Limits | Autho | 1 | Day | | | \pm | \pm | \pm | 1 | 1 | + | + | | + | PLM | (Asbes | | 1 | | | | | | - 5 | EST | |
| * So of Ze | # | s or TF | rized | | 24 hr | | × | < > | < > | < × | * | × | × | × | \ <u>\</u> | + | Chlo | ride | Sulfa | ate | TDS | | | | | | | |
| General Water Chemistry (see attached list) Anion/Cation Balance | | RP R | | | | | F | + | + | + | + | + | Ŧ | F | T | | | | | | | (see at | tache | d list) | | - | | |
| Asbestos pH EPA Method 9045C or equivalent | | eport | | | - | | | + | # | + | + | + | + | + | + | + | Asbe | estos | | | | equiv | alent | | | _ | | 1 |
| EC (Electroconductivity) | | | | (| ₹) | | - | + | + | + | + | + | + | + | + | + | | | | | | Squive | | | | - | | age 56 |

| eceived b <u>y (</u> | CD: 7/2 | /30/Relinquished by: | | Relinquished by: | diala de | Ua Va | A US | <u> </u> | | | | 23 | (O) | 4 | (LAB USE) | LAB# | TRIES. | jorg | Comments: | Receiving Laboratory: | Invoice to: | Project Location: state) | Project Name: | Client Name: | Pag | %nalysis Reque |
|----------------------|--------------------------------------|-------------------------|-------------------|------------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-----------------------|--------|------------------------------|-----------|-----------------------|-------------|--------------------------|-----------------------------------|----------------------------|--|---|
| | Date: Time: | Date: Time: | July 3/19/25 1505 | Date: Time: | BH 25 (3-4') | BH 25 (1-2') | BH 24 (3-4") | BH 24(1-2') | BH 23 (3-4') | BH 23 (1-2') | BH 22 (3-4") | BH 22 (1-2') | BH 21 (3-4') | BH 21 (1-2') | | SAMPLE IDENTIFICATION | | orge.fernandez@fetratecn.com | | Cardinal Laboratories | Tetratech | (county, Lea County, NM | Jalmat Field Yates Sand Unit #216 | Maverick Natural Resources | Tetra Tech, Inc. | analysis Request of Chain of Custody Record |
| ORIGINAL COPY | Received by: | Received by: | Son | Received by: | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | DATE | 2020 | | SAMPI ING | | Sampler Signature: | | Project #: | Contact info: | Site Manager: | | |
| ЮРУ | | | ha | | 10:45 | 10:40 | 10:35 | 10:30 | 10:25 | 10:20 | 10:15 | 10:10 | | 10:00 | TIME | ER | 1 | | | | | | chri | Chri | | |
| | D | | w | D | × | × | × | × | × | × | × | × | × | × | SOIL | | | MATRIX | | Adrian Garcia | | | s.straub | Chris Straub | 901 West Wa Midland,T Tel (432) Fax (432 | |
| | Date: Time: | Date: | 19-25 Time: | Date: Time: | × | × | × | × | × | × | × | × | × | × | HCL | | MEIDOD | PRESERVATIVE | | darcia | | | chris.straub@tetratech | | 901 West Wall St, Suite 100 Midland,Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 | |
| | | | 15 | | 1 | | | | 1 | 1 | 1 | | | | | ONTAI | NER | _ | | | | | ch.com | | | |
| | | | 5 | | Z | z | Z | Z | Z | Z | z | z | Z | Z | | ERE | (Y/N | 1) | | | | | | | | |
| (Circle) | d | Sample Temp | | _ | × | × | × | × | × | × | × | × | × | × | | TX10 | 05 (E | | | | | | | | | |
| | # | | ONL | LAB USE | × | × | × | × | × | × | × | × | × | ` > | | 8015 | | RO - | DRO | - ORO) | | | | <u>0</u> | | |
| HAND DELIVERED | #140 | C+0-3 | _ | SE | F | + | F | + | - | F | F | F | + | Ŧ | | | _ | | | Cr Pb S Cr Pb S | | | | Circle | | |
| ERED | | | ٦ | X EV | | + | Ŧ | + | + | F | Ŧ | + | + | + | _ | P Vola | | atiles | | | | | | OF S | | |
| FEDEX | Spe | | X RUSH: | KEMAKNO | | + | # | + | # | # | + | # | # | # | RCI | | | | | | | | | Spec | | |
| X UPS | cial R | h Cha | | | E | \pm | \pm | \pm | + | + | | \pm | 1. | + | GC/ | MS Se | mi. V | ol. 8 | | 625 | | | | S RE | | |
| | eport L | rges A | Same Day | | F | + | + | + | + | - | + | + | + | \pm | NOI | | | | | | | | | or Specify Method | | _ |
| Tracking # | Special Report Limits or TRRP Report | Rush Charges Authorized | | | × | < × | × | × × | × | × | · > | < > | < > | < > | < Chl | / (Asb oride € | 00.0 | 4 | 500 | 1 | | | | 0 | | Page |
| 7 | or TRR | zed | 24 hr | | F | + | + | 1 | 1 | + | + | + | + | # | Chl | oride | Su | fate | TD | S y (see a | attache | ed list) | | No.) | | lı |
| | ₹P Rep | | 48 hr | | | | + | \pm | + | + | + | # | # | # | Ani | on/Ca | tion E | | | , ,,,,,,,, | | | | | | 5 |
| | ЭŢ | 1 | 72 hr | | | \pm | \pm | \pm | + | | \pm | + | + | + | pН | | Metho | | | or equiv | alent | | | | | of |
| | | 1 | | | | | | | | | | | | | EC | (Elec | troco | nduc | tivity) | | | | | | 1 Page 57 (| ∬ of 5.7 |



March 24, 2025

CHRIS STRAUB
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: JALMAT FIELD YATES SAND UNIT #216

Enclosed are the results of analyses for samples received by the laboratory on 03/19/25 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab-accred-certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyand By 14

Project Location: LEA COUNTY, NM

Sample ID: BH 26 (1-2') (H251631-01)

DTEV 0021D

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 26 (3-4') (H251631-02)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 9 | 6 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 9 | 6 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 27 (1-2') (H251631-03)

RTFY 8021R

| B1EX 8021B | mg, | кg | Апануге | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: LEA COUNTY, NM

Sample ID: BH 27 (3-4') (H251631-04)

BTEX 8021B

| | 9, | 9 | 7 | 7: 5:: | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | Analyzed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celeg & Freene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 28 (1-2') (H251631-05)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 % | 6 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 % | 6 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 28 (3-4') (H251631-06)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | 27.6 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 114 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 29 (1-2') (H251631-07)

RTFY 8021R

| B1EX 8021B | mg, | r Kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | Analyzed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 29 (3-4') (H251631-08)

RTFY 8021R

| B1EX 8021B | mg/ | кg | Апануге | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 30 (1-2') (H251631-09)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 30 (3-4') (H251631-10)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.94 | 97.0 | 2.00 | 0.680 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.98 | 99.0 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.02 | 101 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 5.95 | 99.2 | 6.00 | 2.39 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey & Keene



Analytical Results For:

TETRA TECH
CHRIS STRAUB

901 WEST WALL STREET , STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 31 (1-2') (H251631-11)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | QM-07 |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | QM-07 |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 132 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 205 | 103 | 200 | 9.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 206 | 103 | 200 | 4.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey & Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 31 (3-4') (H251631-12)

BTEX 8021B

| DILX GOZID | ilig/ | , kg | Allulyzo | .u Dy. 311 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 130 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 128 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 131 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 32 (1-2') (H251631-13)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 128 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 135 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 141 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH
CHRIS STRAUB

 $901\ \mathsf{WEST}\ \mathsf{WALL}\ \mathsf{STREET}$, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 32 (3-4') (H251631-14)

RTFY 8021R

| BIEX 8021B | mg | кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 130 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | 'kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 132 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 137 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

TETRA TECH
CHRIS STRAUB

 $901~\mbox{WEST}$ WALL STREET , STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 33 (1-2') (H251631-15)

RTFY 8021R

| B1EX 8021B | mg, | ку | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 129 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 138 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 142 | % 40.6-15 | 3 | | | | | | |

Surrogate: 1-Chlorooctadecane 142 % 40.6-153

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 33 (3-4') (H251631-16)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 133 % | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 134 % | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 138 9 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH
CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 34 (1-2') (H251631-17)

RTFY 8021R

| B1EX 8021B | mg/ | кg | Апануге | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 133 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 134 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 138 9 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 34 (3-4') (H251631-18)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 134 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 134 % | 6 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 137 9 | 6 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STR

 $901\ \mathsf{WEST}\ \mathsf{WALL}\ \mathsf{STREET}$, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 35 (1-2') (H251631-19)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 126 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 139 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 141 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 35 (3-4') (H251631-20)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 132 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 03/20/2025 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 129 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 131 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET , STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 36 (1-2') (H251631-21)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 133 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 133 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 136 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 36 (3-4') (H251631-22)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 129 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 131 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 135 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 37 (1-2') (H251631-23)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 130 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 135 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 139 | 2% 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 37 (3-4') (H251631-24)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 126 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 137 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 142 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 38 (1-2') (H251631-25)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 128 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 131 | % 44.4-14 | 15 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 134 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 38 (3-4') (H251631-26)

RTFY 8021R

| B1EX 8021B | mg/ | кg | Апануге | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 130 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 133 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 140 9 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 39 (1-2') (H251631-27)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 134 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 132 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 134 9 | 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 39 (3-4') (H251631-28)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 130 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 130 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 132 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH
CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 40 (1-2') (H251631-29)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 128 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 132 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 134 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 40 (3-4') (H251631-30)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.26 | 113 | 2.00 | 5.39 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.42 | 121 | 2.00 | 5.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.62 | 131 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 8.06 | 134 | 6.00 | 7.51 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 132 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 136 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 138 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 41 (1-2') (H251631-31)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 209 | 104 | 200 | 1.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 204 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 136 | % 44.4-14 | 15 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 139 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 41 (3-4') (H251631-32)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.1 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

MIDLAND 1X, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 42 (1-2') (H251631-33)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.3 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.6 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 42 (3-4') (H251631-34)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.0 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.5 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 43 (1-2') (H251631-35)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.3 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.2 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 43 (3-4') (H251631-36)

| BTEX 8021B | mg/ | 'kg | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyzed By: CT | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 77.0 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 44 (1-2') (H251631-37)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.3 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.9 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 44 (3-4') (H251631-38)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.7 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: BH 45 (1-2') (H251631-39)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/20/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/20/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/20/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/20/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.3 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 45 (3-4') (H251631-40)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: CT | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/21/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.0 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STR

 $901\ \mathsf{WEST}\ \mathsf{WALL}\ \mathsf{STREET}$, STE 100

Applyzod By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 46 (1-2') (H251631-41)

RTFY 8021R

| BIEX 8021B | mg, | ^и кд | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 11.8 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.0 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 75.4 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 46 (3-4') (H251631-42)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 11.8 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/20/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.5 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Analyzed By: JH

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 47 (1-2') (H251631-43)

BTEX 8021B

| DILX GOZID | ıııg, | , kg | Andryzo | u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 11.8 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.8 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.2 | % 40.6-15. | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 47 (3-4') (H251631-44)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 11.8 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.7 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.5 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 48 (1-2') (H251631-45)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 11.8 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 74.8 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/19/2025 Sampling Date: 03/19/2025

Reported: 03/24/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Alyssa Parras

Project Location: LEA COUNTY, NM

Sample ID: BH 48 (3-4') (H251631-46)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/21/2025 | ND | 1.95 | 97.7 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 101 | 2.00 | 0.385 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2025 | ND | 2.03 | 102 | 2.00 | 1.43 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2025 | ND | 6.17 | 103 | 6.00 | 0.820 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 03/20/2025 | ND | 432 | 108 | 400 | 11.8 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/21/2025 | ND | 195 | 97.4 | 200 | 4.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/21/2025 | ND | 188 | 94.0 | 200 | 4.52 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.6 | % 40.6-15 | 3 | | | | | | |

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

| | OCD: 7 | Relinquished by | | Relinquished by | | | | (0 | 5 | 4 | U |) و |)- | | (LAB USE) | 100 mg | | | Comments: | Receiving Laboratory: | Invoice to: | Project Location: state) | | Project Name: | Client Name: | Page |
|----------------|--------------------------------------|-------------------------|-------------------------|-----------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------------|-----------------------|----------|------------------------------|-----------------|------------------------------|---------------|-----------------------------|--------------------------|-----------------------------------|-----------------------------------|--|
| | . Date: Time: | Date: Time: | 25 | Date: Time: | BH 30 (3-4) | BH 30 (1-2') | BH 29 (3-4") | BH 26 (3-4) | BH 28 (1-z) | BH 27 (3-4) | DH 27 (1-z) | BH 27 (1-2") | BH 26 (3.4") | BH 26 (1-2') | | SAMPLE IDENTIFICATION | | orge.fernandez@tetratech.com | Out ditter many | ry: Cardinal Laboratories | Tetratech | (county, Lea County, NM | Callifact for a constant | Jalmat Field Yates Sand Unit #216 | Maverick Natural Resources | Tetra Tech, Inc. |
| ORIGINAL COPY | Received by | | Received by: | \ R | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/10/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | DATE | 2023 | SAMPLING | | | Sampler Signature: | | Project #: | | Contact Into: | Site Manager: | |
| COPY | | | CUO | | 11:35 | 11:30 | 11:25 | 11:20 | 11:15 | 11:10 | 11:05 | 11:00 | 10:55 | 10:50 | TIME | | | | | Jre: | | | | IO | | |
| | | | 1 | | X | X | × | × | × | × | × | × | × | × | SOIL | ER | MATRIX | | | Adrian | | | | hris.strau | Chris Straub | 901 West) Midland Tel (4: Fax (4 |
| | Date: T | | 3. 10.35 Date: Time: | Date: Ti | × | × | × | × | × | × | ×. | × | X | × | HCL HNC ICE | | МЕТНОВ | PRESERVATIVE | | Adrian Garcia | | | | chris.straub@tetratech.com | db | 901 West Wall St, Suite 100 Midland,Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 |
| | īme: | | me: | Time: | | | | | | | | | | | | \ | 1_ | TIVE | | | | | | ch.com | | |
| | | | 1505 | | 1 N | 1 N | 1 N | 1 N | 1 N | 1 N | 1 N | <u>1</u> | 1 N | N N | | ERED | | 1 | | | | | | | | |
| (Circle) | į | -0.6 | Samo | _ | × | × | × | × | × | × | × | × | × | × | TPH | X 8021 | 5 (Ex | t to C3 | 35) | | | | | | | 3 |
|) HAND | 7 | 6,0 | e Tempe | LAB USE | × | × | × | × | × | × | × | × | × | | PAH | 8015M 8270C | ; | | | | | | _ | | <u>C:</u> | |
| HAND DELIVERED | | C40.32 | rature |) šř | | - | | | | | | | | \pm | TCL | Metals P Metal | s Ag | s Ba (As Ba | Cd | Cr Pb S | e ng Se Hg | | | | Circle | |
| | | П | × | KEMAKNO | | - | - | | | | | | \perp | \pm | TCL | P Volati P Semi | | iles | | | | | | | ANALYSIS REQUEST or Specify Metho | |
| FEDEX | Spec | Rush | X RUSH: | KN3. | | + | + | | - | | | - | + | + | | MS Vol. | | | | | | | _ | | Specify | |
| UPS | ial Rep | Charg | | | F | + | + | F | F | F | F | \vdash | F | + | | MS Ser 3's 808 | | | OC/6 | 325 | | | | | - NEQ | |
| Trac | ort Lir | les Au | Same Day | | | # | # | 1 | F | F | F | + | + | + | NOI PLN | RM (Asbe | stos) | | _ | | | | | | Method | |
| Tracking #: | Special Report Limits or TRRP Report | Rush Charges Authorized | y 24 hr | | × | < > | < | × | × | × | × | × | > | < > | ≺ Chl | oride 36 | | 45 ate | TDS | | | | _ | | d No. | |
| | TRRP | ۵ | hr 48 hr | | | + | | | + | | 1 | | # | # | Ge | neral W | /ater | Chem | istry | | attach | ed list) | _ | | ٤ | |
| | | | ω. | | | | | | | | | | | \perp | _ | on/Cati | טוו וא | aidilC | | | _ | | | _ | - | 1 |
| | Repor | | nr (72 hr | | | | | | | | | | \perp | _ | Asl | estos EPA M | | 1.000 | | | val | | | | - | |

| | Relinquished by: | 7/30/2 Relinquished by: | | Relinquished by: | 388 | - - | | J | | V 3 | = 0 | N | Ū= | - | (LAB USE) | HAZJUA # BAZJUA | | | Comments: | Receiving Laboratory: | Invoice to: | Project Location: state) | | Project Name: | Client Name: | Page |
|----------------|--------------------------------------|-------------------------|--------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------------------------|---------------|------------------------------|-----------------------|-----------------------|-------------|--------------------------|-----------------------------------|---------------|----------------------------|--|
| | Date: Time: | Date: | W | Time: | BH 35 (3-4') | BH 35 (1-2') | BH 34 (3-4') | BH 34 (1-2') | BH 33 (3-4") | BH 33 (1-2') | BH 32 (3-4") | BH 32 (1-2') | BH 31 (3-4') | BH 31 (1-2") | | SAMPLE IDENTIFICATION | | orge.fernandez@tetratech.com | Caldilai Labolatories | | Tetratech | (county, Lea County, NM | Jalmat Field Yates Sand Unit #216 | | Maverick Natural Resources | Tetra Tech, Inc. |
| | Received by | | Received by: | Received by: | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | DATE | 2023 | SAMPLING | | | Sampler Signature: | | Project #: | | Contact Info: | Site Manager: | |
| | | | Jus | | 12:25 | 12:20 | 12:15 | 12:10 | 12:05 | 12:00 | 11:55 | 11:50 | 11:45 | 11:40 | TIME | | | | | ıre: | | | | | Chr | |
| | Date: | | 3-10 Date: | Date | × | × | × | × | × | × | × | × | × | × | HCL | | MATRIX | 1 | | Adrian Garcia | | | cnris.straub@tetrate | | Chris Straub | 901 West Wall St, Suite 100 Midland,Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 |
| | te: Time: | | 10.35 te: Time: | , (e) | - | × | × | × | × | × | × | × | × | × | HNO | | METHOD | DDESERVATIVE | | arcia | | | (left diech :com | ototrotoch o | | 3t, Suite 100 as 79701 32-4559 82-3946 |
| | | | 1505 | | 1 N | 1 N | | | 1 N | 1 N | 1 Z | | | - 2 | - | ONTAIN | NERS | 1 | | | | | | Ó | | |
| (Circle) | | 200 | Sample | Г | > | < × | < > | × | × | | × | İ | \perp | 1 | TPH | X 8021 | 05 (Ext | to C3 | 35) | | | | | _ | _ | 1 |
| HAND DELIVERED | On 14 1 | 100 | Sample Temperature | LAB USE | ^ | < × | < > | < > | < × | × | × | ` ` | < > | () | PAH | 8015N 82700 al Metal | S Ag A | s Ba (| Cd Cr | Pb Se | e Hg | | | _ | (Circ | |
| LIVERED | | | | | | | + | + | + | + | + | + | + | + | TCI | P Meta P Volat | tiles | | CaC | r Pb S | e Hg | | | | e or S | |
| FEDEX I | Special |]Rush C | X RUSH: | | REMARKS: | | + | + | | | | - | + | | | /MS Vo | | | | 25 | | | | _ | or Specify Metho | |
| UPS Tr | Special Report Limits or TRRP Report | Rush Charges Authorized | Same Day | | - | + | | + | + | + | + | + | | | PC NC | B's 808 RM | 32 / 608 | | | | | | | | Method | |
| | imits or | uthorized |)ay 24 hr | | ; | × × | × ; | × > | × > | < > | < > | × | × ! | × | × Ch | M (Asbe loride 3 loride | 00.0 Sulfa | ate | TDS | | | | | | od No. | ' |
| Tracking #: _ | | _ | = | | - | + | + | + | + | 1 | \pm | \pm | \perp | | Ge | neral V | Vater (| Chem | | (see a | ttach | ed list) | | | ت | |
| acking #: | RRP Re | | 48 hr | | | | | | | | _ | 4 | _ | _ | _ | ion/Cat bestos | | alance | Э | | | | | | - | 1 |

| ### Sampler Signature: Chris Straub@letratech.com Sampler Signature: Chris Straub@letratech.com Free(82) 882-839 | Relinquished by: | 7/3 Relinquished by: | = | - | | Relinguished by: | | 2 9 | X. | 3-8 | 2 | X ! | 2) | 25 | 33 | <u> </u> | (LAB USE) | EAB# | | jorge. | Comments: | Receiving Laboratory: | Invoice to: | Project Location: (co state) | | Project Name: | Client Name: | Page | <i>of</i> Analysis Request |
|---|------------------|----------------------|---------|--------------|---------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-----------------------|--------|-------------------------|-----------|-----------------------|-------------|---------------------------------|-----------------------------------|---------------|----------------------------|---|-------------------------------|
| Sampler Signature: Chris Straub@iteratech.com | | Date: Time: | | Date: Time: | 195 150 | | BH 40 (3-4') | BH 40 (1-2') | BH 39 (3-4') | BH 39 (1-2') | BH 38 (3-4') | BH 38 (1-2') | BH 37 (3-4") | BH 37 (1-2') | BH 36 (3-4') | BH 36 (1-2') | | SAMPLE IDENTIFICATION | | fernandez@tetratech.com | | Cardinal Laboratories | Tetratech | | Jalmat Field Yates Sand Unit #216 | | Maverick Natural Resources | Tetra Tech, Inc. | of Chain of Custody Record |
| Addison Control Cont | 1 | Received by: | | Received by: | 8 | Received by: | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | DATE | | SAMPLI | | | Sampier Signam | | Project #: | | Contact Info: | Site Manager: | | |
| ANALYSIS REQUEST ANALYSIS RE | | | | | 110 | | 13:15 | 13:10 | 13:05 | 13:00 | 12:55 | 12:50 | 12:45 | 12:40 | 12:35 | 12:30 | | | | 1 | | ē | | | IO | | 0 | | |
| ANALYSIS REQUEST ANALYSIS REQUEST ANALYSIS REQUEST | | | | | 00 | | × | × | × | × | × | × | × | × | × | × | _ | | MATRIX | | | Adrian | | | hris.strau | | hris Stra | 901 West \ Midland Tel (4: | |
| ANALYSIS REQUEST ANALYSIS REQUEST | | | | | 19:05 | | × | × | × | × | × | × | × | × | × | × | HNC | 3 | METH | PRESERV | | Garcia | | | b@tetrat | | ub | Nall St, Suite 1 1,Texas 79701 32) 682-4559 32) 682-3946 | |
| Containers ANALYSIS REQUEST Corcle or Specify Method No.) | | Time: | | īme: | 7 | ime: | | E | | | | | | | E | E | | 1 | | 4 | | | | | ech.com | | | 8 | |
| ANALYSIS REQUEST Circle or Specify Method No. | | | | | 1585 | | 1 N | _1 _1 | 1 N | 1 N | 1 N | 1 Z | 1 Z | 1 Z | Z | N N | | | _ | ┨ | | | | | | | | | |
| ANALYSIS REQUEST Or Specify Method No.) RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) NORM PLM (Asbestos) NORM PLM (Asbestos) Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance Asbestos PH EPA Method 9045C or equivalent EC (Electroconductivity) | (Circ | , | , 6 | Sam | | | × | × | × | × | × | × | × | × | × | × | BTE | (8021 | В | _ | 35) | _ | | _ | | _ | | | |
| ANALYSIS REQUEST Or Specify Method No.) RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) NORM PLM (Asbestos) NORM PLM (Asbestos) Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance Asbestos PH EPA Method 9045C or equivalent EC (Electroconductivity) | | | 300 | ple Temp | ONL | LABL | × | × | × | × | × | × | × | × | × | × | TPH | 8015N | 1 (GF | | | ORO) | | | | _ | <u> </u> | | |
| RCI RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) PLM (Asbestos) PLM (Asbestos) PLM (Asbestos) Anion/Cation Balance Asbestos PH EPA Method 9045C or equivalent EC (Electroconductivity) | DELIV | 4140 | 5.07 | erature | ~ | SE | F | Ŧ | + | + | F | F | Ŧ | Ŧ | + | Ŧ | | | | | | | | | | _ | ircle | | |
| UPS Tracking #: UPS T | ERED | П | П | [X | a | REM | | F | Ŧ | + | | + | + | Ŧ | Ŧ | Ŧ | | | | iles | | | | | | _ | Or S | | |
| Page Charges Authorized Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance Asbestos pH EPA Method 9045C or equivalent EC (Electroconductivity) | FEDEX | Spec | Rush | KUO | 9110 | ARKS: | | + | + | Ŧ | Ŧ | - | Ŧ | Ŧ | + | + | | VIS Vol | 826 | 0B / 6 | 24 | | | | | _ | YSIS | | |
| General Water Chemistry (see attached list) Anion/Cation Balance Asbestos pH EPA Method 9045C or equivalent EC (Electroconductivity) | | jal Re | Char | | | | | # | # | + | Ŧ | + | Ŧ | Ŧ | + | + | | | | | 70C/6 | 625 | | | | _ | 주 교 | | |
| General Water Chemistry (see attached list) Anion/Cation Balance Asbestos pH EPA Method 9045C or equivalent EC (Electroconductivity) | Trad | port Lir | jes Au | IIIE Da | me Da | | | + | + | + | # | # | # | # | # | # | NOF | RM | | | | | | | | _ | UES: | | P |
| General Water Chemistry (see attached list) Anion/Cation Balance Asbestos pH EPA Method 9045C or equivalent EC (Electroconductivity) | king #: | nits or | thorize | | | | × | × | (> | < > | × | × | < > | < > | < > | < > | < Chlo | ride 36 | 0.0 | | | 3 | | | | | 0 | | age |
| PH EPA Method 9045C or equivalent EC (Electroconductivity) | | TRRP | ۵ | | | | | + | \pm | \pm | + | + | + | + | + | + | Ger | eral V | ater (| Chen | nistry | | attache | ed list) | | _ | 0. | | |
| PH EPA Method 9045C or equivalent EC (Electroconductivity) | | Report | | | _ | | E | + | + | | \pm | \pm | \pm | + | \pm | + | Asb | estos | | | | | alert | | | _ | | | 8 0 |
| | | | | (| 24 | | - | + | + | + | + | + | + | + | + | + | _ | | | | | equi | alent | | | _ | | | |

| | Relinquished by: | Relinquished by: | The second | Relinquished by: | = 5 | 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 10 | 38 | , p | K18. | 71S | 8 | Y _C | 2 | (LAB USE) | #85 # # | | jorg | Comments: | Receiving Laboratory: | Invoice to: | Project Location: (c state) | Project Name: | Client Name: | Page |
|----------------|--------------------------------------|-------------------------|-------------------|------------------|--------------|---|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|-------------|-----------------------|--------|------------------------------|-----------|-----------------------|-------------|--------------------------------|-----------------------------------|----------------------------|--|
| | Date: Time: | Date: Time: | arka 3/19/25 1508 | Date: Time: | BH 45 (3-4") | BH 45 (1-2") | BH 44 (3-4') | BH 44 (1-2") | BH 43 (3-4') | BH 43 (1-2') | BH 42 (3-4') | BH 42 (1-2') | BH 41 (3-4') | BH 41 (1-2') | | SAMPLE IDENTIFICATION | | orge.fernandez@tetratech.com | | Cardinal Laboratories | Tetratech | (county, Lea County, NM | Jalmat Field Yates Sand Unit #216 | Maverick Natural Resources | Tetra Tech, Inc. |
| | Received by: | Received by | 2000 | Received by: | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | DAT | 2023 III | | SAMPI ING | | Sampler Signature: | | Project #: | | Site Manager: | |
| | | | us | | 14:05 | 14:00 | 13:55 | 13:50 | 13:45 | 13:40 | 13:35 | 13:30 | 13:25 | 13:20 | TIME | | 1 | NG | | - E | | | IΩ | 0 | * |
| | | | 3, | | X | × | × | × | × | × | × | × | × | × | SOI | TER L | | MATRIX | | Adriar | | | chris.straub@tetrate | Chris Straub | 901 West Midlar Tel (4 Fax (|
| | Date: | | 19 a | Date: | | | | E | | | | E | E | E | HC | O ₃ | ME | PRES | | Adrian Garcia | | | ub@tetr | duk | 901 West Wall St, Suite 100 Midland,Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 |
| | Time: | | Time: | Time: | × | × | × | × | × | × | × | × | × | × | ICE | | METHOD | PRESERVATIVE | | | | | atech.com | | 9 100 6 |
| | | | 1525 | | _ | _ | _ | | 1 | _ | | _ | | | | ONTAI | NER | S | | | | |) I | | |
| | | | M | | Z | z | z | z | z | z | z | Z | : Z | Z | | TEREC | (Y/N | ۷) | | | | | | | |
| (Circle) | | -06 -06 | | _ | × | × | × | × | × | × | × | × | < > | < > | TPI | X 802 1 TX10 | 05 (E | xt to | C35) | | | | | - | |
|) HAND | | (,,, a | ONL | LAB USE | × | × | × | × | × | × | × | · > | < > | < > | PA | H 8270 | С | | - DRO - | | | | | (C) | |
| HAND DELIVERED | #JU# | (40.3 | |) SE | F | \vdash | F | - | - | H | + | + | + | - | тс | LP Meta | als A | | Ba Cd C | | | | | Circle | |
| RED | | П | × | KEW | D | - | F | + | F | + | + | + | + | + | | LP Vola LP Sem | | atiles | 3 | | | | | or Speci | |
| FEDEX | Spec | Rush | X RUSH: | KEWAKKS. | SKS: | + | Ŧ | Ŧ | \mp | Ŧ | F | + | \mp | + | | /MS Vo | | | | | | | | Specify | |
| UPS | sial Rej |) Charg | | | F | + | + | + | + | + | Ŧ | + | + | + | | MS Se | | | 3270C/6 | 625 | | | | | 3 |
| Trac | oort Lir | jes Au | Same Day | | | + | # | # | + | # | # | # | + | + | | RM M (Asb | estos |) | | | | | | fy Method | |
| Tracking #: | Special Report Limits or TRRP Report | Rush Charges Authorized | y 24 hr | | > | × | < > | < > | < > | < > | < > | < ; | × ; | × ; | × Cr | loride-3 | 00.0 | 450 | | S | | | | d No. | |
| | TRRP | a | | | | + | + | + | + | + | + | # | + | # | G | | Wate | r Ch | emistry | | attach | ed list) | | ٣ | |
| | Repor | | 48 hr (72 hr | | | + | + | + | + | + | + | + | + | + | As | sbestos | ; | | 045C c | or equi | valent | | | _ | |
| | - | | | | | | | 1 | - 1 | 1 | - 1 | - 1 | - 1 | - 1 | I D | 1 EPA | vietn | ou 9 | 04000 | , equi | · | | | | |

| Tetra Tech, Inc. | Ch Sampler Signature: Chris Straub@iterialech.com Circle | ## Control Project #: Chris Straub Circle or \$\frac{1}{5}\$ Contact line: Circle or \$\frac{1}{5}\$ Circle or | ## Control Project #: Chris Straub Circle or \$\frac{1}{5}\$ Contect Infection Contect Infection | ## Control Project #: Chris Straub Circle or \$\frac{1}{5}\$ Contect Infection Contect Infection | ## Control Project #: Chris Straub Circle or \$\frac{1}{5}\$ Contact line: Circle or \$\frac{1}{5}\$ Circle or | ## Control Project #: Chris Straub Circle or \$\frac{1}{5}\$ Contact line: Circle or \$\frac{1}{5}\$ Circle or | ## Contract Infe: Chris Straub@letratech.com | | CD: 7/ Relinquished by | Relinquished by | | Relinquished by: | 15 | AM | | Lio . | 7 | | 7 | 5) | | (ONLY) | VASIUA LAB# | | i | Comments: | Receiving Laboratory: | Invoice to: | Project Location: state) | Project Name: | Client Name: | Paga |
|--|--|---|--|--|---|---|--|---|------------------------|-----------------|--------------|------------------|----|-----------|---|--------------|--------------|-------------|--------------|--------------|--------------|----------|-----------------------|------------------|------------------------------|-----------------------|-----------------------|-------------|--------------------------|-----------------------------------|----------------------------|---|
| Chris Straub@tetralech.com Chris Straub@tetralech.com Chris Straub@tetralech.com | Chris Straub (Circle (Az) 363-396 (Circle (Az) 363-396 (Circle (Az) 363-396 (Az) 363 | ### Chris Straub@letratech.com Chris Straub@letratech.com | Chris Straub@tetratech.com | Chris Straub@tetratech.com | ### Chris Straub@letratech.com Chris Straub@letratech.com | Chris Straub@tetratech.com | AMALYSIS REQUEST Chris Straub | | Date: | Date | 3/4/2 | Date: | | | | BH 48 (3-4') | BH 48 (1-2") | BH 47(3-4') | BH 47 (1-2') | BH 46 (3-4') | BH 46 (1-2') | | SAMPLE IDENTIFICATION | | orge.fernandez@tetratech.com | Cardinal Laboratories | ory: | Tetratech | | Jalmat Field Yates Sand Unit #216 | Maverick Natural Resources | Tetra Tech, Inc. |
| Chris Straub@tetratech.com Chris straub@tetratech.com Chris straub@tetratech.com Chris straub@tetratech.com Chris straub@tetratech.com Adrian Garcia A | Chris Straub (Circle LAB USE ONLY Sample Temperature Court HAND DELIA (142) 582 - 4639 (142 | Chris Straub@tetratech.com | Chris Straub@tetratech.com | Chris Straub@tetratech.com | Chris Straub@tetratech.com | Chris Straub@tetratech.com | AMALYSIS REQUEST Chris Straub Chris straub@letralech.com Chris Straub Chris straub@letralech.com Chris straub@letralech. | - | Received by: | Nocciaca b) | December by: | Received by: | | | | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | 3/19/2025 | DA | | SAMPL | | | Sampler Signatu | | Project #: | | Site Manager: | |
| THE TYLOUS (Ext to C35) | Containers | TCLP Semi Volatiles ANALY | TOLP Semi Volatiles ANALY | TOLP Semi Volatiles ANALY | TCLP Semi Volatiles ANALY | TCLP Semi Volatiles ANALY | ANALYSIS REQUEST Circle or Specify Method No.) ASSUMPTION OF THE ANALYSIS REQUEST TOTAL Metals Ag As Ba Cd Cr Pb Se Hg Total Metals Ag As Ba Cd Cr Pb Se | | | | usso | | | | | 14:35 | 14:30 | 14:25 | 14:20 | 14:15 | 14:10 | | | | | | Ire: | | , | IΩ | 0 | |
| THE TX1005 (Ext to C35) THE TX1005 (Ext to C35) THE TX1005 (Ext to C35) | Containers | Containers | Containers | Containers | Containers | Containers | ANALYSIS REQUEST Circle or Specify Method No.) ASSUMPTION OF THE ANALYSIS REQUEST ANALYSIS REQUEST THE TX1005 (Ext to C35) TOTAL Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Wolatiles TCLP Semi Volatiles TCLP Semi | | | | 77 | | | | + | × | × | × | × | × | × | SC | OIL | MATRIX | | | Adrian (| | | nris.straut | hris Strau | 901 West W Midland,1 Tel (432 Fax (433 |
| Containers | Containers | ANALY REMA A CONTAINERS # C | ANALY REMA A CONTAINERS # C | ANALY REMA A CONTAINERS # C | ANALY REMA A CONTAINERS # C | ANALY REMA A CONTAINERS # C | AVALYSIS REQUEST AVALYSIS REQ | | | | 10.9 ate: 1 | | | | + | × | × | × | × | × | > | Н | NO ₃ | МЕТНОВ | PRESERVAT | | Sarcia | | | @tetratec | В | all St, Suite 100 exas 79701) 682-4559) 682-3946 |
| FILTERED (Y/N) FILTERED (Y/N) X X X X X X BTEX 8021B TPH TX1005 (Ext to C35) TPH TX1005 (Ext to C35) | FILTERED (Y/N) | FILTERED (Y/N) | FILTERED (Y/N) FILTERED (Y/N) FILTERED (Y/N) | FILTERED (Y/N) | ANALYSIS REQUEST ONLY REMARKS: FILTERED (Y/N) FILTERED (Y/N) | | ne: | | ne: | ne. | | \forall | + | + | ‡ | + | ‡ | ‡ | + | # | CONTAIN | | IVE | | | | | h.com | | |
| TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO) | TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg | TPH TX1005 (Ext to C35) TPH TX1005 (Ext to C35) X X X X X X TPH 8015M (GRO - DRO - ORO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles | TPH TX1005 (Ext to C35) TPH TX1005 (Ext to C35) X X X X X X TPH 8015M (GRO - DRO - ORO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles | TPH TX1005 (Ext to C35) TPH TX1005 (Ext to C35) X X X X X X TPH 8015M (GRO - DRO - ORO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles | TPH TX1005 (Ext to C35) TPH TX1005 (Ext to C35) X X X X X X TPH 8015M (GRO - DRO - ORO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles | TPH TX1005 (Ext to C35) TPH TX1005 (Ext to C35) X X X X X X TPH 8015M (GRO - DRO - ORO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles | TPH TX1005 (Ext to C35) TPH TX1005 (Ext to C35) (Circle or Specify Method NOLLY REMARKS: TPH TX1005 (Ext to C35) TOTAL Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM NORM PLM (Asbestos) NORM PLM (Asbestos) Chloride 300-0 450 Chloride 300-0 450 Chloride 300-0 450 General Water Chemistry (see attached list) Anion/Cation Balance Asbestos pH EPA Method 9045C or equivalent | | | | 1888 | | | | 1 | 2 | 2 2 | 2 | 2 2 | 2 2 | | FI | | 1. | 1 | | | | | | | |
| | PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg | TCLP Volatiles TCLP Semi Volatiles TCLP Semi Volatiles | TCLP Volatiles TCLP Semi Volatiles | TCLP Volatiles TCLP Semi Volatiles | TCLP Volatiles TCLP Semi Volatiles TCLP Semi Volatiles | TCLP Volatiles TCLP Semi Volatiles TCLP Semi Volatiles | TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) PLM (Asbestos) PLM (Asbestos) Chloride Suifate TDS General Water Chemistry (see attached list) Anion/Cation Balance Asbestos PH EPA Method 9045C or equivalent | | | -0.00 | Sample Te | LAE | | | - | | | | İ | \perp | I | T | PH TX100 PH 8015M | 05 (≣x // (GF | | | RO) | | | | | |



March 28, 2025

CHRIS STRAUB
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: JALMAT #216

Enclosed are the results of analyses for samples received by the laboratory on 03/27/25 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: MAVERICK - LEA COUNTY, NM

ma/ka

Sample ID: SW 1 (H251818-01)

DTEV 0021D

| BTEX 8021B | mg/ | kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/27/2025 | ND | 207 | 104 | 200 | 0.0343 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/27/2025 | ND | 199 | 99.4 | 200 | 0.591 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/27/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.6 | % 40.6-15. | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact Project Number: Tamara Oldaker NONE GIVEN Sample Received By:

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: SW 2 (H251818-02)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/27/2025 | ND | 207 | 104 | 200 | 0.0343 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/27/2025 | ND | 199 | 99.4 | 200 | 0.591 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/27/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.7 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: SW 3 (H251818-03)

BTEX 8021B

| | 9, | 9 | 7 | 7: 5:: | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/27/2025 | ND | 207 | 104 | 200 | 0.0343 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/27/2025 | ND | 199 | 99.4 | 200 | 0.591 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/27/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.7 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.7 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: SW 4 (H251818-04)

BTEX 8021B

| | 9/ | 9 | 7 | 7: 5:: | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/27/2025 | ND | 197 | 98.7 | 200 | 2.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/27/2025 | ND | 188 | 94.0 | 200 | 0.608 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/27/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.9 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: SW 5 (H251818-05)

BTEX 8021B

| DILX GOZID | ıııg, | - Kg | Alldiyzo | u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/27/2025 | ND | 197 | 98.7 | 200 | 2.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/27/2025 | ND | 188 | 94.0 | 200 | 0.608 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/27/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.3 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL ST

901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: SW 6 (H251818-06)

BTEX 8021B

| | 9, | 9 | 7 | 7: 5:: | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/27/2025 | ND | 197 | 98.7 | 200 | 2.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/27/2025 | ND | 188 | 94.0 | 200 | 0.608 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/27/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.0 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.6 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact Project Number: Tamara Oldaker NONE GIVEN Sample Received By:

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: SW 7 (H251818-07)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/28/2025 | ND | 197 | 98.7 | 200 | 2.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/28/2025 | ND | 188 | 94.0 | 200 | 0.608 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/28/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.8 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.7 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

ma/ka

Sample ID: SW 8 (H251818-08)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/28/2025 | ND | 197 | 98.7 | 200 | 2.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/28/2025 | ND | 188 | 94.0 | 200 | 0.608 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/28/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.3 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH
CHRIS STRAUB

 $901~\mbox{WEST}$ WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 1 (4') (H251818-09)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/28/2025 | ND | 197 | 98.7 | 200 | 2.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/28/2025 | ND | 188 | 94.0 | 200 | 0.608 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/28/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.9 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/28/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 2 (7') (H251818-10)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 4.61 | |
| Toluene* | <0.050 | 0.050 | 03/27/2025 | ND | 2.02 | 101 | 2.00 | 3.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2025 | ND | 1.97 | 98.6 | 2.00 | 3.21 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2025 | ND | 5.86 | 97.7 | 6.00 | 2.78 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 230 | 16.0 | 03/28/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/28/2025 | ND | 197 | 98.7 | 200 | 2.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/28/2025 | ND | 188 | 94.0 | 200 | 0.608 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/28/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.8 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.7 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| 101 East Ma | CAP |
|--------------|--------------|
| Marland, Hob | RDII orat |
| bs NM 882 | VAL |

(575) 393-2326 FAX (575) 393-2476

| | mpler - UPS - Bus - Other: Corrected Temp. °C / Cook TORM-000 R 3.0 02/12/25 + Cardinal Cardinal | Time: Observed Temp. °C //) Sample | slinquished By: Date: / 3/2 Received By: | Date 3/27 Received By: | lates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based innovative of profits incurred by client, its subsidiaries, ellinquished By: | alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received to the amount paid by the client for the | EASE NOTE: Lability and Donosand Co. 2 7 7 | 9 BH - 1 (4°) | SW SW S | 2 SW 7 | 6 SW 6 | 5 00 5 | 4 Sw 4 | | 2 SW 2 | # CON GROU WASTI | B OF | VATER | | | Pri Co. | | Project Name: Jalmat 216 | | | City: State: Zin: | Address: |
|---|--|-------------------------------------|---|------------------------|--|--|--|---------------|---------|--------|--------|--------|--------|-----|------------------|--|-------------|-------|--------------------------|-----|----------|-------------|--------------------------|----------|-------------------|-------------------|----------|
| carried accept verbal changes. Please email changes to celey keene@cardinallabsnm.com | Cool Intact Cool Intact (Initials) Thermometer ID #140 Correction Factor +0.3°C | REMARKS: | All Results are emailed. Ple | Verbal Result: Yes | interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, it such claim is based into any of the control by client, its subsidiaries, | ed in contract or tort, shall be limited to the amount paid by the client for the | 8 | 1045 | 1030 | 1015 | (000 | 346 | 930 | 316 | 1 X 3/27 900 X X | SOIL OIL SLUDG OTHER ACID/B, ICE / CC OTHER TIME | ASE DOOL | | MAIRIX PRESERV. SAMPLING | Fax | Phone #: | State: Zip: | City: | Address: | Atm: (Pris Straub | Company: Perateur | (, = |
| ardinallabsnm.com | icteria (only) Sa ol Intact Yes Yes | ube tetrated) jorge ternador e | ò | No Add'I Bhopo # | | | | | | | | | | | * | BT | | | | | | | | | | | |



June 25, 2025

CHRIS STRAUB TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JALMAT FIELD YATES SAND UNIT #216

Enclosed are the results of analyses for samples received by the laboratory on 06/19/25 12:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 49 (1'-2') (H253675-01)

| BTEX 8021B | mg/kg | | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 368 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: BH - 49 (3'-4') (H253675-02)

BTEX 8021B

| | <u> </u> | | | . , | | | | | |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.3 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.4 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: BH - 50 (1'-2') (H253675-03)

BTEX 8021B

| | 9/ | 9 | 7 | 7 5 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 50 (3'-4') (H253675-04)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.5 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 51 (1'-2') (H253675-05)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.9 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 51 (3'-4') (H253675-06)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.2 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 52 (1'-2') (H253675-07)

| BTEX 8021B | mg/kg | | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.4 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.1 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 52 (3'-4') (H253675-08)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.0 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.6 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 53 (1'-2') (H253675-09)

| BTEX 8021B | mg, | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.1 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.1 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 53 (3'-4') (H253675-10)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/23/2025 | ND | 448 | 112 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey & Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 54 (1'-2') (H253675-11)

RTFY 8021R

| B1EX 8021B | mg/ | кg | Апануге | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.5 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 54 (3'-4') (H253675-12)

RTFY 8021R

| B1EX 8021B | mg, | r Kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 55 (1'-2') (H253675-13)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 55 (3'-4') (H253675-14)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.1 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.3 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 56 (1'-2') (H253675-15)

RTFY 8021R

| B1EX 8021B | mg, | кg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/23/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/23/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/23/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.3 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 56 (3'-4') (H253675-16)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.1 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 57 (1'-2') (H253675-17)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.8 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 189 | 94.6 | 200 | 0.511 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 175 | 87.3 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 9 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 57 (3'-4') (H253675-18)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 117 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 58 (1'-2') (H253675-19)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.05 | 103 | 2.00 | 4.26 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.20 | 110 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.04 | 102 | 2.00 | 2.67 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.10 | 102 | 6.00 | 2.57 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 123 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey & Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 58 (3'-4') (H253675-20)

RTFY 8021R

| B1EX 8021B | mg/ | кg | Allalyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 116 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 119 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 9 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 59 (1'-2') (H253675-21)

RTFY 8021R

| IEX 8021B | mg/ | / kg | Anaiyze | ea By: JH | | | | | |
|------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| enzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| oluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| thylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| otal Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| otal BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| urrogate: 4-Bromofluorobenzene (Pl | D 114 9 | % 71.5-13 | 34 | | | | | | |
| hloride, SM4500CI-B | mg/ | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| PH 8015M | mg/ | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| PRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| XT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| urrogate: 1-Chlorooctane | 120 9 | % 44.4-14 | 15 | | | | | | |
| 'urrogate: 1-Chlorooctadecane | 121 9 | % 40.6-15 | i3 | | | | | | |
| | 121 9 | % 40.6-15 | ī <i>3</i> | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 59 (3'-4') (H253675-22)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 117 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 9 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 60 (1'-2') (H253675-23)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 122 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 60 (3'-4') (H253675-24)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 120 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 122 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 61 (1'-2') (H253675-25)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 61 (3'-4') (H253675-26)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 120 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 62 (1'-2') (H253675-27)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 116 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 116 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 62 (3'-4') (H253675-28)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 63 (1'-2') (H253675-29)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 63 (3'-4') (H253675-30)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 115 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 9 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/17/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 64 (1'-2') (H253675-31)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 116 | % 44.4-14 | 15 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 123 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kreine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 64 (3'-4') (H253675-32)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 117 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 124 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 125 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 65 (1'-2') (H253675-33)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 119 9 | 6 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 9 | 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 65 (3'-4') (H253675-34)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 119 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 66 (1'-2') (H253675-35)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 66 (3'-4') (H253675-36)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | < 0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 120 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 67 (1'-2') (H253675-37)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | < 0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 221 | 110 | 200 | 1.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 217 | 108 | 200 | 1.19 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.8 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 67 (3'-4') (H253675-38)

RTFY 8021R

| B1EX 8021B | mg/ | кg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 % | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.3 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.3 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 68 (1'-2') (H253675-39)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.03 | 102 | 2.00 | 7.85 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.10 | 105 | 2.00 | 5.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.16 | 108 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.70 | 112 | 6.00 | 5.52 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <100 | 100 | 06/21/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | 2850 | 100 | 06/21/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | 1350 | 100 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.8 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 139 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

13770 10.0 135

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Celey & Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 68 (3'-4') (H253675-40)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | QM-07 |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <100 | 100 | 06/21/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | 3020 | 100 | 06/21/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | 1370 | 100 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 147 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 69 (1'-2') (H253675-41)

| BTEX 8021B | mg, | 'kg | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.5 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 69 (3'-4') (H253675-42)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 77.2 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 70 (1'-2') (H253675-43)

RTFY 8021R

| B1EX 8021B | mg, | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.0 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.0 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 70 (3'-4') (H253675-44)

| BTEX 8021B | mg/kg | | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.1 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.5 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: BH - 71 (1'-2') (H253675-45)

BTEX 8021B

| | 9/ | 9 | 7 | , | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.2 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.0 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 71 (3'-4') (H253675-46)

| BTEX 8021B | mg/ | 'kg | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.0 | % 44.4-14. | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.9 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 72 (1'-2') (H253675-47)

RTFY 8021R

| Toluene* <0.050 | BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Toluene* < 0.050 | Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Ethylbenzene* < 0.050 | Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Total Xylenes* | Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Total BTEX <0.300 0.300 06/24/2025 ND Surrogate: 4-Bromofluorobenzene (PID 109 % 71.5-134 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed By: AC Chloride <16.0 | Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Surrogate: 4-Bromofluorobenzene (PID 109 % 71.5-134 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride <16.0 16.0 06/23/2025 ND 416 104 400 0.00 | Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride <16.0 | Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride <16.0 16.0 06/23/2025 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 06/20/2025 ND 186 93.2 200 2.45 DRO >C10-C28* <10.0 10.0 06/20/2025 ND 188 94.2 200 2.72 EXT DRO >C28-C36 <10.0 10.0 06/20/2025 ND Surrogate: 1-Chlorooctane 82.9 % 44.4-145 | Surrogate: 4-Bromofluorobenzene (PID | 109 | % 71.5-13 | 4 | | | | | | |
| Chloride <16.0 16.0 06/23/2025 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 | Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 | Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 06/20/2025 ND 186 93.2 200 2.45 DRO >C10-C28* <10.0 10.0 06/20/2025 ND 188 94.2 200 2.72 EXT DRO >C28-C36 <10.0 10.0 06/20/2025 ND Surrogate: 1-Chlorooctane 82.9 % 44.4-145 | Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| GRO C6-C10* <10.0 10.0 06/20/2025 ND 186 93.2 200 2.45 DRO >C10-C28* <10.0 10.0 06/20/2025 ND 188 94.2 200 2.72 EXT DRO >C28-C36 <10.0 10.0 06/20/2025 ND Surrogate: 1-Chlorooctane 82.9 % 44.4-145 | TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| DRO >C10-C28* < 10.0 10.0 06/20/2025 ND 188 94.2 200 2.72 EXT DRO >C28-C36 <10.0 10.0 06/20/2025 ND Surrogate: 1-Chlorooctane 82.9 % 44.4-145 | Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| EXT DRO >C28-C36 <10.0 10.0 06/20/2025 ND Surrogate: 1-Chlorooctane 82.9 % 44.4-145 | GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| Surrogate: 1-Chlorooctane 82.9 % 44.4-145 | DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| | EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctadecane 81.0 % 40.6-153 | Surrogate: 1-Chlorooctane | 82.9 | % 44.4-14 | 5 | | | | | | |
| | Surrogate: 1-Chlorooctadecane | 81.0 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 72 (3'-4') (H253675-48)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.2 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 73 (1'-2') (H253675-49)

| BTEX 8021B | mg/ | 'kg | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.3 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.6 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 73 (3'-4') (H253675-50)

RTFY 8021R

| BIEX 8021B | mg, | / kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/20/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/20/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/20/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.4 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 74 (1'-2') (H253675-51)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.4 | % 44.4-14 | 75 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.7 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 74 (3'-4') (H253675-52)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | < 0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.1 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.8 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 75 (1'-2') (H253675-53)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | < 0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.4 | % 44.4-14 | 25 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.7 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: BH - 75 (3'-4') (H253675-54)

BTEX 8021B

| DILX GOZID | iiig/ | , kg | Andryzo | u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/21/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.5 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: Sampling Type: Soil 06/25/2025

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 76 (1'-2') (H253675-55)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | 155 | 10.0 | 06/21/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | 110 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.6 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.2 | % 40.6-15 | 3 | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 76 (3'-4') (H253675-56)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 113 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | 613 | 10.0 | 06/21/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | 336 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.1 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.6 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 77 (1'-2') (H253675-57)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/21/2025 | ND | 186 | 93.2 | 200 | 2.45 | |
| DRO >C10-C28* | 586 | 10.0 | 06/21/2025 | ND | 188 | 94.2 | 200 | 2.72 | |
| EXT DRO >C28-C36 | 292 | 10.0 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.5 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.0 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2025 Sampling Date: 06/18/2025

Reported: 06/25/2025 Sampling Type: Soil

Project Name: JALMAT FIELD YATES SAND UNIT #216 Sampling Condition: Cool & Intact
Project Number: 212C-MD-03832 Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH - 77 (3'-4') (H253675-58)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.26 | 113 | 2.00 | 1.58 | |
| Toluene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.19 | 109 | 2.00 | 3.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/24/2025 | ND | 2.25 | 113 | 2.00 | 3.50 | |
| Total Xylenes* | <0.150 | 0.150 | 06/24/2025 | ND | 6.98 | 116 | 6.00 | 3.63 | |
| Total BTEX | <0.300 | 0.300 | 06/24/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/23/2025 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <100 | 100 | 06/21/2025 | ND | 184 | 92.0 | 200 | 0.860 | |
| DRO >C10-C28* | 1140 | 100 | 06/21/2025 | ND | 203 | 102 | 200 | 0.00443 | |
| EXT DRO >C28-C36 | 711 | 100 | 06/21/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 134 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

| Sampler Signature: Mattehw Castrejon Sampler Signature: Mattehw Castrejon Ma | SAMPLE IDENTIFICATION DATE BH-49 (1'-2') BH-49 (3'-4') BH-50 (1'-2') BH-50 (3'-4') BH-51 (1'-2') BH-51 (3'-4') BH-52 (1'-2') BH-52 (3'-4') BH-53 (1'-2') Date: Time: Received by: Date: Time: Received by: | by OCD: 7/30/2025 9.56.15 AM CD: 7/30/2025 |
|--|--|---|
| PLING | Time: | 7/30/2025 9-56.15 AM Belinquished by: |
| PLING | Time: | 2025 9:36.15 AM A 16 N 4 W 4 N 4 W 4 N 4 W 4 W 4 W 4 W 4 W 4 |
| 1325 1319 1311 1311 1300 | | 6.15 AM |
| WATER | | 200160xw2- |
| | | alevens. |
| | | 160xw2- |
| | | entmo- |
| WATER | | ~= com = ~ |
| WATER | | - lul - |
| WATER | | - ew |
| WATER WATER WATER WATER MATRIX MA | | Q |
| WATER WATER WATER WATER WATER MATRIX MAT | In | , |
| WATER SOIL HCL HNO3 ICE NONE # CONTAINERS FILTERED (Y/N) BTEX 8021B BTEX 8260B TPR TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO - MRO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles RCI | T & | , |
| MATRIX PRESERVATIVE INERS D (Y/N) 1B BTEX 8260B 05 (Ext to C35) M (GRO - DRO - ORO - MRO) C s Ag As Ba Cd Cr Pb Se Hg tiles it Volatiles | | (LAB USE) |
| MATRIX PRESERVATIVE RS (N) BTEX 8260B Ext to C35) GRO - DRO - ORO - MRO) As Ba Cd Cr Pb Se Hg g As Ba Cd Cr Pb Se Hg atiles | | dire set |
| Mattehw Castrejon 8260B 35) 8015 RO - ORO - MRO) Cd Cr Pb Se Hg Cd Cr Pb Se Hg | SA | |
| 212C-MD-03832 Pi Mattehw Castrejon Se Hg | AFE00000005481 adrian.garcia@tetratech.com | Comments: AFE0000 |
| 212C-MD-03832 | Cardinal | Receiving Laboratory: |
| 212C-MD-03832 | Tetra Tech, Inc. | Invoice to: |
| | Lea Co, NM Project #: | Project Location: (county, state) |
| chris.straub@tetratech.com | Jalmat Field Yates Unit 216 | Project Name: |
| Chris Straub | Maverick Site Manager: | Client Name: |
| 901 West Wall Street, Suite 100 Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 | Tetra Tech, Inc. | Page 222 |

| | | | | | | | | 1 | | | | | | | | | | | | | 6 |
|--------------------------------------|---|--------------------|---------|---------------|---|--|-------------------------|------------------|---------------------------|--------------------|----------|------------------|-------|---------------|----------------------|---------|--------------------------------------|----------|-----------|----------|------------|
| Page 223 | Tetra Tech, Inc. | | | 901 | 901 West Wall Street, Suite Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 | lest Wall Street, Sui Midland, Texas 7970 Tel (432) 682-4559 Fax (432) 682-3946 | Suite 100 1701 59 | | | | | | | | | | | | | | e 62 of 66 |
| Client Name: | Maverick | Site Manager: | | Chris Straub | aub | | | | | 5 | | A | | ANALYSIS | ᇛ | REQUEST | QUEST | 2 | | | Pad |
| Project Name: | Jalmat Field Yates Unit 216 | Contact Info: | | chris.straub@ | - | etratech.com | .com | | 19/29 | - 7 | _ (| <u> </u> | | | | | _ | | _ 3 | | |
| Project Location: (county, state) | Lea Co, NM | Project #: | | 212C-MD-03832 |)-03832 | | | | -6/ | | | | | | | | 9/2 | 40 | | | |
| Invoice to: | Tetra Tech, Inc. | | | | | | | | | | | | | | | | . 1.11 | - 4/ | list) | | |
| Receiving Laboratory: | Cardinal | Sampler Signature: | nature: | Matte | Mattehw Castr | trejon | | _ | 0 - MR | Se Hg | Se Hg | | | | | | 40 | 1. | ttached | | |
| Comments: AFE000 | AFE000000005481 adrian.garcia@tetratech.com | | | | | | | | 35) <i>§ 6</i> RO - OR | Cd Cr Pb | Cd Cr Pt | | | | 0.020 | | 00 | os | ry (see a | | |
| | | SAMPLING | ING | MATRIX | _ | PRESERVATIVE METHOD | | N) BTEX | | As Ba | As Ba | atiles | | | | | | | | nance | |
| S#BAS | SAMPLE IDENTIFICATION | 2025 | | | | | TAINE | | | | | | | | | | | | | | |
| (LAB USE) | | DATE | TIME | WATER SOIL | HCL HNO₃ | NONE | # CON | FILTEF BTEX 8 | TPH TX | PAH 82 Total Me | | TCLP V | RCI | GC/MS | PCB's 8 | NORM | PLM (As Chloride | Chloride | | Anion/C | |
| // | BH-54 (1'-2") | 06/17/25 | 1328 | - | _ | × | _ | | - | - | | \vdash | | \vdash | \vdash | | | <u></u> | | \vdash | |
| 12 | BH-54 (3'-4') | 06/17/25 | 1331 | × | 7 | × | 1 | × | × | | | | | | | | × | ^ | | | |
| 13 | BH-55 (1'-2') | 06/17/25 | 1333 | × | | × | 1 | × | × | | | | | | | | × | ^ | | | |
| 14 | BH-55 (3'-4') | 06/17/25 | 1336 | × | | × | 1 | z | × | | | | | | | | × | ^ | | | |
| 15 | BH-56 (1'-2") | 06/17/25 | 1339 | × | | × | 1 | z | × | | | | | | | | × | ^ | | | |
| 16 | BH-56 (3'-4") | 06/17/25 | 1342 | × | | × | _ | z | × | | | | | | | | × | ^ | | | |
| 77 | BH-57 (1'-2') | 06/17/25 | 1345 | X | | × | 1 | × | × | | | | | | | | × | ^ | | | |
| 18 | BH-57 (3'-4") | 06/17/25 | 1348 | × | | × | - | z | × | | | | | | | | × | Î | | | |
| 19 | BH-58 (1'-2') | 06/17/25 | 1350 | × | | × | - | z | × | | | + | | - | + | | × | T^ | | - | |
| 2 | BH-58 (3'-4") | 06/17/25 | 1353 | X | | × | 1 | × | × | H | | \vdash | | \vdash | \vdash | | × | Ê | | \vdash | |
| Relinquished by: | Date: Time: $\frac{2}{3}$ | Received by: | 111011 | | Date: | Time: | Sila | 10 | LAB USE | I V | | REMARKS: X Stan | Sta | RKS: Standard | _ | | | | | | |
| 1- 10 | | nu | MOLICA | Will | rug. | m | 47 | 2 | | | | 1 | | | | | | | | | |
| elinquished by: | Date: Time: | Received by: | | (| Date: | Time | | Q Sar | Sample Temperature | nperati | 8.00 | ПП | RUSH: | h Cha | Same Day narges Auth | 0 | 24 hr. rized | . 48 hr. | | 72 hr. | |
| elinquished by: | Date: Time: | Received by: | | | Date: | Time: | | 40 | 44 | 60 | Š, | ПП | Spe | cial R | eport | Limits | Special Report Limits or TRRP Report | RP R | ероп | | l |
| Received | | ORIGINAL COPY | COPY | | | | | (Ci | (Circle) H | HAND DELIVERED | ELIVE | RED | FEDEX | | UPS | Tra | Tracking | # | | | |

| vea | by OCI elino |); <i>7</i> | 7/3 <i>0</i> /. elino | 100 | 5 9.5 Nelin | 6:1 | 5 A | 1 | | | | | | | | ([| L Set | | Comr | Recei | Invoice to: | Proje (coun | Proje | Client | Page 224 |
|-------------------------|--------------------------------------|-------------------------|--------------------------|-------|------------------|----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------------|-----------------------|--------------|--|-----------------------|------------------|--------------------------------------|-----------------------------|-----------------|---|
| | Relinquished by: | | Relinquished by: | A. | delinquished by: | 30 | 029 | 2 | 27 | 82 | 25 | 7 | E | 20 | Tr | ONLY) | tab# | | Comments: AFE00 | Receiving Laboratory: | ce to: | Project Location: (county, state) | Project Name: | Client Name: | 4 |
| | Date: Time: | | Date: Time: | V | Date: Time: | | BH-63 (1'-2') | BH-62 (3'-4') | BH-62 (1'-2") | BH-61 (3'-4') | BH-61 (1'-2') | BH-60 (3'-4") | BH-60 (1'-2") | BH-59 (3'-4") | BH-59(1'-2') | | SAMPLE IDENTIFICATION | | AFE000000005481 adrian.garcia@tetratech.com | y: Cardinal | Tetra Tech, Inc. | Lea Co, NM | Jalmat Field Yates Unit 216 | Maverick | Tetra Tech, Inc. |
| ORIGINAL COPY | Received by: | | Received by: | | Received by | 06/17/25 | 06/17/25 | 06/17/25 | 06/17/25 | 06/17/25 | 06/17/25 | 06/17/25 | 06/17/25 | 06/17/25 | 06/17/25 | DATE | 2025 | SAMPLING | | Sampler Signature: | | Project #: | Contact Info: | Site Manager: | |
| AL COPY | .7 | | | Mana | | 1428 | 1425 | 1422 | 1420 | 1414 | 1411 | 1408 | 1405 | 1402 | 1357 | TIME | | LING | | nature: | | | | | |
| | | | (| Rela | d | × | × | × | × | × | × | × | × | × | × | WATE SOIL | R | MATRIX | | Matteh | | 212C-MD-03832 | chris.straub@ | Chris Straub | 901 W |
| | Date: | | Date: | Call | Date: | × | × | × | × | × | × | × | × | × | × | HCL HNO₃ ICE | 7 | PRESERVATIVE | | Mattehw Castrejon | |)3832 | | ь | est Wall Street, Sui lidland, Texas 7970 Tel (432) 682-4559 Fax (432) 682-3946 |
| | Time: | | Time: | 1106 | I Ime: | E | | | | | | | | | | NONE | | | | | | | tetratech.com | | 901 West Wall Street, Suite Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 |
| | | | | 19-65 | 188 | Z | z | z | z | z | z | z | z | z | z | # CON | | | | | | | B | | e 100 |
| (Circle) HAND DELIVERED | #3 | 5 | Sample Tempe | | ٠ <u>-</u> | × | - | × | × | × | × | × | × | × | × | BTEX TPH T | X1005 | (Ext to | The second secon | 015 | | 70. | 6/19 | 125 | |
| HAND | 16 | 2 - | empera | į | ONLY | F | | | | | | | | | | PAH 8 | 270C | | DRO - OF | | | | | 6 | |
| DELIVE | č | N | erature | | | F | | | | | | | | | | TCLP | Metals A | Ag As E | a Cd Cr P Ba Cd Cr F | | | | | Circle | |
| RED | | | | | X Stan | | | | | | | | | | | _ | /olatiles Semi Vo | | | | | | | ANA | |
| FEDEX | Specia | Rush | HUON. | 0 0 | Standard | - DKC. | + | | | | | | - | \vdash | - | RCI GC/MS | Vol. 8 | 260B / | 624 | | | | | LYS | |
| X UPS | al Repo | Charge | Sall | 2 | ard | F | | | | | | | | | | - | | | 270C/625 | | | | _, | ALYSIS RE | |
| ы | ort Limit | Rush Charges Authorized | Sallie Day | | | \vdash | | | | | | | | | | PCB's NORM | 8082 / | 008 | | | | 1.1 | | | |
| Tracking #: | Special Report Limits or TRRP Report | orized | 24 111. | | | | | - | ~ | V | Ų | Ų | × | × | × | - | Asbesto | | 500 | | 40, | 4/19 | 125 | QUEST Method | |
| ;# E | ARP Re | | 40 | 40 | | × | × | × | × | × | × | × | ŕ | ŕ | ŕ | Chlorid | le Su | lfate | TDS | | | -111 | | d No. | |
| | port | | III. 12 | | | - | - | - | - | - | - | - | - | + | - | - | Cation E | | istry (see | attache | d list) | | | 9 | |
| | | | 12 111. | 7 | | F | | | | | | | | | | TPH 80 | 015R | | | | | | | D - | 00 =(00 |
| 100 | I | | | | | | - | - | - | - | - | - | - | \vdash | - | HOLD | | | | | | | | raç | e 63 of 66 |

Released to Imaging: 8/4/2025 4:28:16 PM

| Sampler Signature: Chris Straub @terat. Sale 100 | Received | by Oceanquisned by: | | Selinquished by: Date: Time: | 6-19-25 | Relinquished by: Date: Time: | BH-68 (3'-4") | BH-68 (1'-2') | 38 BH-67 (3'-4") | 3 ⁷ BH-67 (1'-2') | 36 BH-66 (3'-4') | BH-66 (1'-2') | 34 BH-65 (3'-4') | 33 BH-65 (1'-2') | 32 BH-64 (3'-4') | 3/ BH-64 (1'-2') | (LAB USE) | SAMPLE IDENTIFICATION | | Comments: AFE000000005481 adrian.garcia@tetratech.com | Receiving Laboratory: Cardinal | Invoice to: Tetra Tech, Inc. | Project Location: Lea Co, NM | Project Name: Jalmat Field Yates Unit 216 | Client Name: Maverick | Tetra Tech, Inc. |
|---|-----------------------------------|---|-------------------------|------------------------------|-------------|------------------------------|---------------|---------------|------------------|------------------------------|------------------|---------------|------------------|------------------|------------------|------------------|--|--|---|---|--------------------------------|------------------------------|------------------------------|---|-----------------------|---|
| A Texas 79701 100 | ORIGINAL COPY | neceived by: | | Received by: | Musica What | Received by: | 1322 | 1318 | 1315 | 1312 | 1308 | 1305 | 1302 | 1258 | 1255 | 1433 | TIME | | | com | | | | | | · |
| ANALYSIS REQUEST LAB USE ONLY REMARKS: REMARKS: REMARKS: Decial Report Limits or TRRP Report NORM PEDEX UPS Tracking #: Circle or Specify Method No. ANALYSIS REQUEST ONLY ONLY NORM PLM (Asbestos) Chloride Sulfate TDS General Water Chemistry (see attached list) | _ | | | Time: | SE-61-9 2MB | Time: | 1 Z | -1 -2 | 1 | 1 | | 1 | _ | 1 | -1 Z | -1 -2 | HNO ₃ ICE NONE # CON | RED (Y | METHOD S (X) | | hw Castrejon | | -03832 | and a | duk | West Wall Street, Suite 100 Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 |
| NS I I I I I I I I I I I I I I I I I I I | HAND DELIVERED FEDEX UPS Tracking | #140 Special Report Limits or TRRP Report | Rush Charges Authorized | RUSH: Same Day 24 hr. 48 hr. | _ | REI | × | × | × | × | × | × | × | × | × | × | TPH TX TPH 80 PAH 82 Total Me TCLP M TCLP Sc RCI GC/MS GC/MS PCB's 8 NORM PLM (As Chloride General | 115M ((70C tals Age tals A Section 1 15M () | Ext to GRO - J As Bas g As B Chemina As Bas g As B | DRO - OF a Cd Cr Pt a Cd Cr Pt a Cd Cr Pt 700/625 | SO - MR | 0) | | | ANALYSIS REQUEST | |

| 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | لـــ |
|-----------------------------------|---|--------------------|-----------|---------------|---|---|------------------------------------|--|-------|--------|----------|---------|----------|--------------------|----------|----------|------------|----------------|------------|----------|-------|--------------------------------------|-------------------|----------------------|------------|----------|---------------|
| Page 220 | Tetra Tech, Inc. | | | 9 | 901 West Wall Street, Suite Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 | West Wall Street, Suite Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 | II Stre Texa 2) 68: 2) 68 | et, S et, S s 79; s 79; 2-45; 2-39; | | 100 | | | - 1 | - 1 | - 1 | - 1 | | | | | | | | | | | ge 65 of 6 |
| Client Name: | Maverick | Site Manager: | er: | Chris Straub | Straub | - 1 | | | | - | \dashv | 5 | | | | > l | N N | 2 | SIS | 교 | 2 | ANALYSIS REQUEST | 7 | | | | ㅗ |
| Project Name: | Jalmat Field Yates Unit 216 | Contact Info: | 9 | chris.straub@ | strau | - | etratech.com | ech. | com | | | Tigt | _ | − ົດ | Circle | 0 | or Specify | _ წ | _ <u>e</u> | -₹ | _ \ | Method | 258 | No. | _ ಲ | _ | _ |
| Project Location: (county, state) | Lea Co, NM | Project #: | | 212C-MD-03832 | MD-03 | 832 | | | | | _ | 26 | | | | | | | | | | , | e/19 ₁ | | | | |
| Invoice to: | Tetra Tech, Inc. | | | | | | | | - 1 | | | 7 | | | | | | | | | | | ? - 1 | +) | (1) | | |
| Receiving Laboratory: | Cardinal | Sampler Signature: | nature: | Ма | Mattehw Castrejon | Castre | jon | | - 1 | - 1 | _ | 015 | - MRO) | e Hg | Se Hg | | | | | | | | de | ched II- | cried iis | | |
| Comments: AFE0000 | AFE000000005481 adrian.garcia@tetratech.com | | | | | | | | - 1 | | 8260B | _ 0 | RO - ORO | d Cr Pb S | Cd Cr Pb | | | 1 | | | | | | | (see atta | | |
| | | SAMPLING | LING | MATRIX | _ | PRESE ME | ESERVATIVE METHOD | TIVE | RS | /N) | BTEX | | HO - D | As Ba (| As Ba | | tiles | OB / 62 | | | | | | | | | |
| LAB# | SAMPLE IDENTIFICATION | 2025 | | | - | | \forall | | AINE | D (Y | 21B | | | | als Ag | | ıı Vola | 1. 826 | _ | | | | | Sulfa ater C | | _ | |
| (LAB USE) | | DATE | TIME | WATER SOIL | HCL | HNO ₃ | CE | | CONTA | ILTERE | STEX 802 | PH TXTO | PH 8015 | otal Meta | CLP Meta | CLP Vola | CLP Sem | C/MS Vo | C/MS Se | CB's 808 | ORM | LM (Asbe | hloride 30 | hloride eneral Wa | nion/Catio | PH 8015F | |
| 14 | BH-69 (1'-2') | 06/18/25 | 1325 | _ | \dashv | - | - | | _ | z | ×E | _ | _ | - | 7 | - | - | - | - | - | _ | _ | _ | _ | _ | - | + |
| 42 | BH-69 (3'-4') | 06/18/25 | 1327 | × | + | | × | | - | z | × | × | + | + | | _ | + | + | + | \top | | | × | + | + | + | + |
| 53 | BH-70 (1'-2") | 06/18/25 | 1330 | × | | | × | | - | z | × | × | + | \top | | _ | + | + | _ | | | | × | + | + | + | + |
| 44 | BH-70 (3'-4") | 06/18/25 | 1333 | × | | | × | | _ | z | × | × | \dashv | | | _ | - | \dashv | \dashv | | | | × | + | + | \dashv | + |
| 54 | BH-71 (1'-2') | 06/18/25 | 1336 | × | | | × | | - | z | × | × | \dashv | | | _ | \dashv | \dashv | 1 | | | _ | × | + | + | \neg | \rightarrow |
| 46 | BH-71 (3'-4') | 06/18/25 | 1339 | × | | | × | | 1 | z | × | × | | | | | - | | | | | | × | \dashv | - | | \rightarrow |
| 77 | BH-72 (1'-2') | 06/18/25 | 1342 | × | | | × | | 1 | z | × | × | | | | - | \dashv | \dashv | \neg | | | | × | + | + | \top | \rightarrow |
| 84 | BH-72 (3'-4') | 06/18/25 | 1345 | × | | | × | | - | z | × | × | | | | \dashv | \dashv | + | | | | | × | + | + | | \rightarrow |
| 5 1 | BH-73 (1'-2') | 06/18/25 | 1448 | × | | | × | | - | z | × | × | + | | 1 | - | + | + | | | | | × | + | + | | 1 |
| 50 | BH-73 (3'-4') | 06/18/25 | 1453 | × | + | | × | | _ | z | × | × | + | | | + | + | \dashv | | | 1 | | × | + | + | \top | _ |
| elinquished by: | Date: Time: | Received by | | | 2 | Date: | \ <u>_</u> | lime: | Q | 8 | | Σ | LAB USE | Æ | _[| REMARKS: | A. | ŝ | ı | | | ŀ | ŀ | ŀ | ŀ | I | - 1 |
| 202 | 6-19-25 | | the Motor | R | | 60 | W | D. | 1 | 20 | 1 | 0 | ONLY | | | L. | × | Standard | ard | | | | | | | | |
| D: //3@iinquisned by: | Date: Time: | Received by: | | (| D | Date: | <u></u> | ime: | | | Sam | On Be | emp | Sample Temperature | J 19 30 | | | RUSH: | Sa | Same Day | 0 | 24 hr. | | 48 hr. | 72 hr. | ₹ | |
| by Olinquished by: | Date: Time: | Received by: | | | D | Date: | ⊒ | Time: | | | D 4 | IT V | 77 | in | (2) | | : چ ا | pecia | Rep | ort | imits | Special Report Limits or TRRP Report | 報 | Перо | á | | |
| īvē | | OBIGINAL CORV | | | | | | | | ı | 1 | | | | | | | | | | | | | | | | |

| Page 22 | Tetra Tech, Inc. | | | 901 | West \ Midlar Tel (| 901 West Wall Street, Suite Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 | | 100 | _ | | | | | | | | | | | | | 20 (| age 66 of 6 |
|--------------------------------------|--|--------------------|---------|---------------|-------------------------|---|--------|---------|---------|---------------|------------------------|---------|---------------|---------------|---------------|------------------------------------|-----------|--------------------------------------|------------------------|------------|-----------|----------|-------------|
| Client Name: | Maverick | Site Manager: | | Chris Straub | du | | | - | 7 | 1/25 | | | | ANALYSIS | YSIS | | ق | REQUEST | | | | | Pa |
| Project Name: | Jalmat Field Yates Unit 216 | Contact Info: | | chris.straub@ | aub@ | tetratech.com | h.com | | 71 | <u>-6 1</u> | - 6 | Circle | e or | | Specify | –¥ | | Method | | _ <u>N</u> | | _ | |
| Project Location: (county, state) | Lea Co, NM | Project #: | | 212C-MD-03832 | -03832 | | | | | do | | | | | | | | diat | 114/ | | | | |
| Invoice to: | Tetra Tech, Inc. | | | | | | | | |) | | | | | | | | -0 1 | 7-6 | st) | | | |
| Receiving Laboratory: | Cardinal | Sampler Signature: | nature: | Mattel | Mattehw Castrejon | strejon | | | Con i | 8013 - MRO | e Ha | | | | | | | | A | ched li | | | |
| Comments: AFE000 | AFE00000005481 adrian.garcia@tetratech.com | | | | | | | | | | Cr Ph S | | | | | 5/625 | | 200 | | | | | |
| | | SAMPLING | ING | MATRIX | | PRESERVATIVE | | N) | BTEX | | As Ba C | | tiles | | | | | 110 | | | ance | | |
| sassett States | SAMPLE IDENTIFICATION | 2025 | | | \exists | | AINEF | ED (Y/ | | | | als Ag | | · old | | | | _ | 00.0 Sulfat | | | Н | |
| (LAB USE) | | DATE | TIME | WATER SOIL | HCL HNO ₃ | ICE NONE | # CONT | FILTERE | BTEX 80 | TPH TX1 | PAH 8270 Total Meta | CLP Met | CLP Vola | RCI | GC/MS Vo | CB's 80 | NORM | PLM (Asb | Chloride 3 Chloride | General W | nion/Cati | PH 8015 | HOLD |
| 57 | BH-74 (1'-2') | 06/18/25 | 1502 | - | _ | × | _ ; | z | - | \rightarrow | _ | | \rightarrow | \rightarrow | \rightarrow | \rightarrow | - | _ | _ | - | - | | _ |
| 52 | BH-74 (3'-4') | 06/18/25 | 1506 | × | | × | _ | z | × | × | - | | - | | \perp | + | \exists | | × | | \perp | + | |
| S | BH-75 (1'-2") | 06/18/25 | 1509 | × | | × | _ | z | × | × | - | | - | | 1 | \dashv | | | × | | 1 | + | |
| 54 | BH-75 (3'-4') | 06/18/25 | 1515 | × | | × | _ | z | × | × | | | - | | | \dashv | | | × | | | + | |
| 535 | BH-76 (1'-2") | 06/18/25 | 1518 | × | | × | _ | z | × | × | | | | | | - | | Ų, | × | | | \dashv | |
| 52 | BH-76 (3'-4') | 06/18/25 | 1522 | × | | × | _ | z | × | × | | | | | | - | | J | × | | | - | _ |
| 57 | BH-77 (1'-2') | 06/18/25 | 1525 | × | | × | 1 | z | × | × | | | | | | \dashv | | Ų | × | | | - | _ |
| 85 | BH-77 (3'-4') | 06/18/25 | 1528 | × | | × | 1 | z | × | × | | | | | | | | J | × | | | - | |
| :15 / | | | | × | | × | - | z | × | × | - | | | | | | | U | × | | | | \sqcup |
| alinquished by: | | | L | × | | × | _ | z | × | × | \vdash | | | | - | H | | V | × | | | \vdash | |
| A. | 6-19-25 | No. | 10 M | | Dale: | | 200 | 2 5 | - | LAB USE | LY | | X Stan | X Standard | ndar | | | | | | | | |
| elinquished by: | Date: Time: | Received by: | | | Date: | : Time: | 9 | | Sample | Some Ten | Degate | 8,5 | |] Rus | h Cha | RUSH: Same Day Rush Charges Author | | 24 hr. | | 48 hr. | 72 hr. | • | |
| d by Oselinquished by: | Date: Time: | Received by: | | | Date: | . Time: | ,, | | 20 | #y | 80 | Si | | Spe | cial R | eport | Limits | Special Report Limits or TRRP Report | RP R | eport | | | |
| | | | | | | | | | | | | - | | | | | | | | | | | |



July 15, 2025

CHRIS STRAUB
TETRA TECH
901 WEST WALL STREET , STE 100

901 WEST WALE STREET, STE 100

MIDLAND, TX 79701

RE: JALMAT #216

Enclosed are the results of analyses for samples received by the laboratory on 07/14/25 13:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/14/2025 Sampling Date: 07/14/2025

Reported: 07/15/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: SW 9 (H254170-01)

BTEX 8021B

| BIEX GOEED | 9/ | 119 | Andryzo | u 5 y 1 51 1 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.76 | 88.1 | 2.00 | 7.29 | |
| Toluene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.87 | 93.7 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.98 | 99.0 | 2.00 | 1.07 | |
| Total Xylenes* | <0.150 | 0.150 | 07/14/2025 | ND | 6.15 | 102 | 6.00 | 1.28 | |
| Total BTEX | <0.300 | 0.300 | 07/14/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 07/15/2025 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/14/2025 | ND | 213 | 107 | 200 | 3.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/14/2025 | ND | 196 | 98.0 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/14/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.8 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL ST

 $901~\mbox{WEST}$ WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/14/2025 Sampling Date: 07/14/2025

Reported: 07/15/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MAVERICK - LEA COUNTY, NM

mg/kg

Sample ID: SW 10 (H254170-02)

BTEX 8021B

| | 9, | 9 | 7 | 7: 5:: | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.76 | 88.1 | 2.00 | 7.29 | |
| Toluene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.87 | 93.7 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.98 | 99.0 | 2.00 | 1.07 | |
| Total Xylenes* | <0.150 | 0.150 | 07/14/2025 | ND | 6.15 | 102 | 6.00 | 1.28 | |
| Total BTEX | <0.300 | 0.300 | 07/14/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 117 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/15/2025 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/14/2025 | ND | 213 | 107 | 200 | 3.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/14/2025 | ND | 196 | 98.0 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/14/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

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Celey D. Kreene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/14/2025 Sampling Date: 07/14/2025

Reported: 07/15/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: SW 11 (H254170-03)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.76 | 88.1 | 2.00 | 7.29 | |
| Toluene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.87 | 93.7 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.98 | 99.0 | 2.00 | 1.07 | |
| Total Xylenes* | <0.150 | 0.150 | 07/14/2025 | ND | 6.15 | 102 | 6.00 | 1.28 | |
| Total BTEX | <0.300 | 0.300 | 07/14/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 07/15/2025 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/14/2025 | ND | 213 | 107 | 200 | 3.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/14/2025 | ND | 196 | 98.0 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/14/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 9 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

TETRA TECH CHRIS STRAUB 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 07/14/2025 Sampling Date: 07/14/2025

Reported: 07/15/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: SW 12 (H254170-04)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.76 | 88.1 | 2.00 | 7.29 | |
| Toluene* | <0.050 | 0.050 | 07/14/2025 | ND | 1.87 | 93.7 | 2.00 | 3.92 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/14/2025 | ND | 1.98 | 99.0 | 2.00 | 1.07 | |
| Total Xylenes* | <0.150 | 0.150 | 07/14/2025 | ND | 6.15 | 102 | 6.00 | 1.28 | |
| Total BTEX | <0.300 | 0.300 | 07/14/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 07/15/2025 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/14/2025 | ND | 213 | 107 | 200 | 3.72 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/14/2025 | ND | 196 | 98.0 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/14/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 40.6-15 | 3 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Freene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | | | | | | _ | | | | | - 17 | A T | - | 77 | T | 0 | D | TI | 7 01 |
|---|-----------------------|---|--|---|-----|-----|-----------|-----------|--|--------------------------|---------------------------------------|------|-------------------|----------------------|---------------|----------------|----------|-------------|----------|------------------|------------------|
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Relinquished By: | affiliates or successors arising out o | PLEASE NOTE: Liability and Dam analyses. All claims including thos service. In no event shall Cardinal | | | | 40 | 00 | 00 | H254170 | Lab I.D. | | FOR LAB USE ONLY | Project Location: LC | Project Name: | Project #: | Phone #: | City: | Address: | Project Manager: | Company Name: |
| | | tof or related to the performance of s | ages. Cardinal's liability and client's e for negligence and any other caus be liable for incidental or consequer | | | | N (S) | 2 | 32 | 0 C | Sample I.D. | . '. | | CO COWN! | I most elle | 7 | 77 | , | | ANIS Strown | + |
| Observed Temp. °C 1.7 Corrected Temp. °C 2.0 | 2 | arising out of or related to the performance of services interior by Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of minimum soundaments of Cardinal, regardless of | PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal whitin 30 days after completion of the applications. It is a contraction of the property o | , | | | | | <u> </u> | | RAB OR | | P. | 200 | 0 | Project Owner: | Fax #: | State: Zip: | , | 5 | |
| Sample Condition Cool Intact Cool Tyes Yes Tyes No No | Received By: | Received By: | ng whether based in contract or tort, ed unless made in writing and received unless made in writing and received in business interruptions, loss of the contract of the contra | | | . : | 7 | < -> | ~ 7 | WAS SOI OIL SLU | IDGE | rer | MATRIX | Fax #: | State: | City: | Add | Attn: | Com | P.O. | |
| CHECKED BY: (Initials) | week of | | shall be limited to the amount paid by the client for the dry Cardinal within 30 days after completion of t use, or loss of profits incurred by client, its subsidia during any of the above stated reasons or otherwi- | | | | X / (%-0) | X 7.14.05 | X 7/1-05 | K.ICE | D/BASE / COOL HER : | ~ | PRESERV. SAMPLING | Fax #: | e: Zip: | | Address: | | Company: | # | BILL TO |
| Turnaround Time: Thermometer ID #140. Correction Factor +0.3°C | REMARKS: Charis, Stra | Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Results are emailed. Please provide Email address: | by the client for the completion of the applicable ent, its subsidiaries, sons or otherwise. | | | | | 1:30 × | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | TIME | TP.h | H | ING | - l | 0, | | | | | | |
| Standard Rush | 36 | es □ No _Add'I . Please provide Emai | | | | | | ×× | ×> | ~ [| 37 1 | Ξ× | | | | | | | | | ANAL |
| Bacteria (only) sample Condition Cool Intact Observed Temp. Yes Yes No No Corrected Temp. | tetratech.com | Add'I Phone #: e Email address: | | | , . | | | | | | * | | | | | | | | | | ANALYSIS REQUEST |
| Observed Temp. °C Corrected Temp. °C |).COM | | | | | | | | | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | | | | , | | | T . |



July 17, 2025

CHRIS STRAUB TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND, TX 79701

RE: JALMAT #216

Enclosed are the results of analyses for samples received by the laboratory on 07/16/25 12:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/16/2025 Sampling Date: 07/16/2025

Reported: 07/17/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Applyand By 14

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH 3 (8') (H254243-01)

DTEV 0021D

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.17 | 109 | 2.00 | 1.25 | |
| Toluene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.09 | 104 | 2.00 | 1.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.07 | 104 | 2.00 | 1.53 | |
| Total Xylenes* | <0.150 | 0.150 | 07/16/2025 | ND | 6.46 | 108 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/16/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 07/17/2025 | ND | 480 | 120 | 400 | 3.39 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/16/2025 | ND | 195 | 97.6 | 200 | 1.43 | |
| DRO >C10-C28* | 126 | 10.0 | 07/16/2025 | ND | 210 | 105 | 200 | 2.45 | |
| EXT DRO >C28-C36 | 19.2 | 10.0 | 07/16/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.8 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 40.6-15 | 3 | | | | | | |

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Celeg D. Keene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/16/2025 Sampling Date: 07/16/2025

Reported: 07/17/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH 4 (8') (H254243-02)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.17 | 109 | 2.00 | 1.25 | |
| Toluene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.09 | 104 | 2.00 | 1.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.07 | 104 | 2.00 | 1.53 | |
| Total Xylenes* | <0.150 | 0.150 | 07/16/2025 | ND | 6.46 | 108 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/16/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 07/17/2025 | ND | 480 | 120 | 400 | 3.39 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/16/2025 | ND | 195 | 97.6 | 200 | 1.43 | |
| DRO >C10-C28* | 73.4 | 10.0 | 07/16/2025 | ND | 210 | 105 | 200 | 2.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/16/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 9 | % 40.6-15 | 3 | | | | | | |

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*=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/16/2025 Sampling Date: 07/16/2025

Reported: 07/17/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH 5 (8') (H254243-03)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.17 | 109 | 2.00 | 1.25 | |
| Toluene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.09 | 104 | 2.00 | 1.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.07 | 104 | 2.00 | 1.53 | |
| Total Xylenes* | <0.150 | 0.150 | 07/16/2025 | ND | 6.46 | 108 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/16/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/17/2025 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/16/2025 | ND | 195 | 97.6 | 200 | 1.43 | |
| DRO >C10-C28* | 59.8 | 10.0 | 07/16/2025 | ND | 210 | 105 | 200 | 2.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/16/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | 6 40.6-15 | 3 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

Analyzed By: 14

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/16/2025 Sampling Date: 07/16/2025

Reported: 07/17/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: MAVERICK - LEA COUNTY, NM

ma/ka

Sample ID: BH 6 (8') (H254243-04)

RTFY 8021R

| BIEX 8021B | mg, | кg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.17 | 109 | 2.00 | 1.25 | |
| Toluene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.09 | 104 | 2.00 | 1.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.07 | 104 | 2.00 | 1.53 | |
| Total Xylenes* | <0.150 | 0.150 | 07/16/2025 | ND | 6.46 | 108 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/16/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 07/17/2025 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/16/2025 | ND | 195 | 97.6 | 200 | 1.43 | |
| DRO >C10-C28* | 70.1 | 10.0 | 07/16/2025 | ND | 210 | 105 | 200 | 2.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/16/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 | % 40.6-15. | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/16/2025 Sampling Date: 07/16/2025

Reported: 07/17/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Alyssa Parras

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: SW 13 (H254243-05)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.17 | 109 | 2.00 | 1.25 | |
| Toluene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.09 | 104 | 2.00 | 1.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/16/2025 | ND | 2.07 | 104 | 2.00 | 1.53 | |
| Total Xylenes* | <0.150 | 0.150 | 07/16/2025 | ND | 6.46 | 108 | 6.00 | 1.05 | |
| Total BTEX | <0.300 | 0.300 | 07/16/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 07/17/2025 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/16/2025 | ND | 191 | 95.3 | 200 | 4.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/16/2025 | ND | 181 | 90.3 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/16/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.1 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.3 | % 40.6-15 | 3 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene

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| | Temp. °C | | ntact Yes. | Cool - Int | | Card Card | Rush | ID #140 | neter ID #1 | Thermometer ID #140 | ED BY: | CHECKED BY: (Initials) | | Sample Condition Cool Intact Yes Yes | Sampl Cool | ί, | ر ال ال ال ال ال ال ال ال ال ال ال ال ال | Observed Temp. °C | | 3y: (Circle | Delivered By: (Circle One) |
| | Hition | Sample Conc | Cateon C | Pacteria | 65 | 200 | Courc in the | | dviour. | Ta | | | | | , Ag By: | Received By: | 70 | Date: | | ed By: | Relinquished By |
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| | | | | Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address: | Add'I Phone #: le Email address | □ No . | es □ Please | ☐ Yes emailed. F | esult: | Verbal Result: | above stated in | on any or me | is based up | er such claim | d By: | Received By: | r by Cardin | ce of services hereunde | analyses. An John State Cardinal be liable for incidental or where the services service. In no event shall Cardinal be liable for incidental or Services service. In no event shall Cardinal be liable for incidental or successors arising out of or related to the performance of Services services. | shall Cardinal be ors arising out of | analyses. All claims service. In no event affiliates or successo |
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| | | TST | REQUEST | | ANALYSIS | A | | | | | . 70 | BILL | | | | | | (0,0)000 | (575) 393-2326 FAX | (575) | |
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Page 8 of 8



July 23, 2025

CHRIS STRAUB
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: JALMAT #216

Enclosed are the results of analyses for samples received by the laboratory on 07/22/25 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH CHRIS STRAUB

901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/22/2025 Sampling Date: 07/18/2025

Reported: 07/23/2025 Sampling Type: Soil

Project Name: JALMAT #216 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

A I J D. ... 711

Project Location: MAVERICK - LEA COUNTY, NM

Sample ID: BH 3 (9.5') (H254412-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/22/2025 | ND | 1.92 | 96.1 | 2.00 | 2.23 | |
| Toluene* | <0.050 | 0.050 | 07/22/2025 | ND | 1.93 | 96.7 | 2.00 | 2.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/22/2025 | ND | 1.99 | 99.3 | 2.00 | 1.82 | |
| Total Xylenes* | <0.150 | 0.150 | 07/22/2025 | ND | 6.03 | 100 | 6.00 | 1.59 | |
| Total BTEX | <0.300 | 0.300 | 07/22/2025 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: KH | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 07/23/2025 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/22/2025 | ND | 217 | 108 | 200 | 0.625 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/22/2025 | ND | 210 | 105 | 200 | 2.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/22/2025 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | % 44.4-14 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 9 | % 40.6-15 | 3 | | | | | | |

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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| Corrected Tempr °C | | < . | 75 | 40 | ter ID # | Thermometer ID #140 | (injuais) | Cool Intact | | Corrected Temp. °C | | Sampler - UPS - Bus - Other: |
| mple Condition Observed Temp. °C | Bacteria (only) Sample Condition Cool Infact Observed Temp | | tandard | | nd Time: | Turnaround Time: | CHECKED BY: | Sample Condition | | Observed Temp. °C O. (1) | | Delivered By: (Circle One) |
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| | | | | | ines, | elient, its subsidiani | or loss of profits incurred by on any of the above stated re | s interruptions, loss of use, her such claim is based up | nout limitation, business nal, regardless of whet | al damages, including with rvices hereunder by Cardir | service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. | service. In no event shall Card |
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| | | | 1. | de | | OMIT LING | PRESERV. | MAIKIX | | P. | | FOR LAB USE ONLY |
| | y Re- | | | | | N N N | 1 | Fax | | | 3 | Sampler Name: |
| - | • | | _ | · | | | # | Phone #: | | | Lea Co. NN | Project Location: |
| | | | | | (| | Zip: | State: | 1 | - AC | Jalmat 216 | Project Name: |
| * | × | | | ** | 1. | | | City: | | Project Owner: | Pı | Project #: |
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| | | | | | | | any: TT | Company: | | | 11 | Address: |
| • | | | | | 7. | | | P.O. #: | | | Chins Straub | Project Manager: |
| | ANALYSIS REQUEST | ANAL | | | | | BILL TO | | | | Tetra Tech | Company Name: |
| | | l | | | | | | | | 575) 393-24/6 | (575) 393-2326 FAX (575) 393-2476 | |

Revised Remediation Report and Closure Request Jalmat Yates Field Sand Unit #216 Incident ID# nPAC0534851527 Breitburn Operating, LP July 28, 2025

ATTACHMENT 4 – SEED MIX

NMSLO Seed Mix

Sandy (S)

SANDY (S) SITES SEED MIXTURE:

| COMMON NAME | VARIETY | APPLICATION RATE (PLS/Acre) | DRILL BOX |
|----------------------------------|-------------------|--------------------------------|--------------|
| | | (: .) | |
| Crassasi | | | |
| <u>Grasses:</u> Sand bluestem | Elido VNC Co | 2.0 | F |
| | Elida, VNS, So. | | = |
| Little bluestem | Cimarron, Pastura | 3.0 | \mathbf{F} |
| Black grama | VNS, Southern | 1.0 | D |
| Sand dropseed | VNS, Southern | 4.0 | \mathbf{S} |
| Plains bristlegrass | VNS, Southern | 2.0 | D |
| , | AU CO | M/S = 1 | |
| Forbs: | 200000 | | 2 |
| Firewheel (Gaillardia) | VNS, Southern | 1.0 | A D |
| Annual Sunflower | VNS, Southern | 1.0 | D |
| AV. | | ~0~ ≪ | AB |
| Shrubs: | | | R |
| Fourwing Saltbush | VNS, Southern | 1.0 | F |
| | T MEGALITY | 3.866 | 0 8 |
| | Total PLS/ac | re 16.0 | a B |
| N | | 30 | QFB |

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at http://plants.usda.gov.



Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 490092

QUESTIONS

| Operator: | OGRID: |
|------------------------------|---|
| BREITBURN OPERATING LP | 370080 |
| 1000 Main Street, Suite 2900 | Action Number: |
| Houston, TX 77002 | 490092 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Prerequisites | |
|------------------|---|
| Incident ID (n#) | nPAC0534851527 |
| Incident Name | NPAC0534851527 JALMAT FIELD YATES SAND UNIT #216 @ 30-025-37277 |
| Incident Type | Oil Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-025-37277] JALMAT FIELD YATES SAND UNIT #216 |

| Location of Release Source | |
|--|-----------------------------------|
| Please answer all the questions in this group. | |
| Site Name | JALMAT FIELD YATES SAND UNIT #216 |
| Date Release Discovered | 11/04/2005 |
| Surface Owner | State |

| ncident Details | |
|--|-------------|
| lease answer all the questions in this group. | |
| Incident Type | Oil Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

| Nature and Volume of Release | | |
|--|--|--|
| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. | | |
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Flow Line - Production Crude Oil Released: 3 BBL Recovered: 3 BBL Lost: 0 BBL. | |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Flow Line - Production Produced Water Released: 4 BBL Recovered: 4 BBL Lost: 0 BBL. | |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes | |
| Condensate Released (bbls) Details | Not answered. | |
| Natural Gas Vented (Mcf) Details | Not answered. | |
| Natural Gas Flared (Mcf) Details | Not answered. | |
| Other Released Details | Not answered. | |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. | |

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 490092

QUESTIONS (continued)

| Q02011 | One (continued) |
|--|---|
| Operator: BREITBURN OPERATING LP | OGRID: 370080 |
| 1000 Main Street, Suite 2900 | Action Number: |
| Houston, TX 77002 | 490092 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| QUESTIONS | |
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | Unavailable. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. | e. gas only) are to be submitted on the C-129 form. |
| | |
| Initial Response | |
| The responsible party must undertake the following actions immediately unless they could create a s | |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | Not answered. |
| | ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission. |
| to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a | knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or |
| I hereby agree and sign off to the above statement | Name: Chuck Terhune Title: Program Manager Email: chuck.terhune@tetratech.com |

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 490092

QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------------|---|
| BREITBURN OPERATING LP | 370080 |
| 1000 Main Street, Suite 2900 | Action Number: |
| Houston, TX 77002 | 490092 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Site Characterization | | |
|--|---------------------------------|--|
| Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after th release discovery date. | | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) | |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search | |
| Did this release impact groundwater or surface water | No | |
| What is the minimum distance, between the closest lateral extents of the release ar | nd the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Greater than 5 (mi.) | |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between ½ and 1 (mi.) | |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) | |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) | |
| Any other fresh water well or spring | Between 1 and 5 (mi.) | |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) | |
| A wetland | Between ½ and 1 (mi.) | |
| A subsurface mine | Greater than 5 (mi.) | |
| An (non-karst) unstable area | Greater than 5 (mi.) | |
| Categorize the risk of this well / site being in a karst geology | Low | |
| A 100-year floodplain | Greater than 5 (mi.) | |
| Did the release impact areas not on an exploration, development, production, or storage site | No | |

| Remediation Plan | | |
|---|--|--|
| Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. | | |
| Requesting a remediation plan approval with this submission | Yes | |
| Attach a comprehensive report demonstrating the lateral and vertical extents of soil contaminatio | n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes | |
| Was this release entirely contained within a lined containment area | No | |
| Soil Contamination Sampling: (Provide the highest observable value for each, in m | illigrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 0 | |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 0 | |
| GRO+DRO (EPA SW-846 Method 8015M) | 0 | |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 | |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 | |
| Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. | | |
| On what estimated date will the remediation commence | 04/01/2025 | |
| On what date will (or did) the final sampling or liner inspection occur | 05/10/2025 | |
| On what date will (or was) the remediation complete(d) | 06/10/2025 | |
| What is the estimated surface area (in square feet) that will be reclaimed | 21000 | |
| What is the estimated volume (in cubic yards) that will be reclaimed | 3200 | |
| What is the estimated surface area (in square feet) that will be remediated | 21000 | |
| What is the estimated volume (in cubic yards) that will be remediated | 3200 | |
| These estimated dates and measurements are recognized to be the best guess or calculation at the | ne time of submission and may (be) change(d) over time as more remediation efforts are completed. | |

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 490092

QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------------|---|
| BREITBURN OPERATING LP | 370080 |
| 1000 Main Street, Suite 2900 | Action Number: |
| Houston, TX 77002 | 490092 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| e appropriate district office no later than 90 days after the release discovery date. |
|---|
| e / reduce contaminants: |
| |
| Yes |
| HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510] |
| Not answered. |
| No |
| |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Name: Chuck Terhune
Title: Program Manager
Email: chuck.terhune@tetratech.com
Date: 02/25/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 5

Action 490092

QUESTIONS (continued)

| Operator: | OGRID: |
|---|---|
| BREITBURN OPERATING LP | 370080 |
| 1000 Main Street, Suite 2900 Houston, TX 77002 | Action Number: 490092 |
| Houston, 17 17002 | |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Deferral Requests Only | |
|--|----|
| Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation. | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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QUESTIONS, Page 6

Action 490092

QUESTIONS (continued)

| OGRID: |
|---|
| 370080 |
| Action Number: |
| 490092 |
| Action Type: |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 486191 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 07/18/2025 |
| What was the (estimated) number of samples that were to be gathered | 1 |
| What was the sampling surface area in square feet | 400 |

| Remediation Closure Request | |
|--|--------------|
| Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. | |
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 1320 |
| What was the total volume (cubic yards) remediated | 469 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 800 |
| What was the total volume (in cubic yards) reclaimed | 195 |
| Summarize any additional remediation activities not included by answers (above) | no addtional |

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Name: Chuck Terhune
Title: Program Manager
Email: chuck.terhune@tetratech.com
Date: 07/30/2025

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QUESTIONS, Page 7

Action 490092

QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------------|---|
| BREITBURN OPERATING LP | 370080 |
| 1000 Main Street, Suite 2900 | Action Number: |
| Houston, TX 77002 | 490092 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Reclamation Report | |
|---|----|
| Only answer the questions in this group if all reclamation steps have been completed. | |
| Requesting a reclamation approval with this submission | No |

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CONDITIONS

Action 490092

CONDITIONS

| Operator: | OGRID: |
|------------------------------|---|
| BREITBURN OPERATING LP | 370080 |
| 1000 Main Street, Suite 2900 | Action Number: |
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| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created B | y Condition | Condition Date |
|-----------|-------------|-------------------|
| scwells | None | 8/4/2025 |