



December 2, 2024

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

**Re: Site Assessment and Closure Report
BTA Oil Producers, LLC
Mesa B 8115 JV P Com #002H Jet Pump Release
Unit Letter P, Section 07, Township 26 South, Range 33 East
DOR: 9/16/2024
Lea County, New Mexico
Incident ID: nAPP2426245843
API # 30-015-42125**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by BTA Oil Producers, LLC (BTA) to assess a release that occurred from a jet pump associated with the Mesa B 8115 JV P Com #002H (API# 30-015-42125) well. The release footprint is located within Public Land Survey System (PLSS) Unit Letter P, Section 07, Township 26 South, Range 33 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.051177°, -103.605920°, as shown on Figures 1 and 2.

BACKGROUND

According to the C-141 Initial Report, the release occurred on September 16, 2024, and was caused due to a leak from a hammer union and nipple associated with a temporary Jet Pump installation at the well pad. Approximately 21 barrels (bbls) of produced water were released, of which 20 bbls were recovered during initial response. The provided spill calculator indicates a release area of approximately 340 square feet. The New Mexico Oil Conservation Division (NMOCD) received the initial C-141 on September 18, 2024, and assigned the release the Incident ID nAPP2426245843. The C-141 is included in Appendix A.

SITE CHARACTERIZATION

According to the NMOCD Oil and Gas Map, the site is located on private land. A site characterization was performed in accordance with 19.15.29.11 New Mexico State Administrative Code (NMAC) and the guidance document Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions (12/01/2023).

A summary of the site characterization is presented below:

| | |
|---|--------------------------------|
| Shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (feet bgs) | 89.5 feet bgs |
| Method used to determine the depth to ground water | NM OSE iWaters Database Search |

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

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BTA Oil, LLC

| | |
|--|------------|
| Did this release impact groundwater or surface water? | No |
| <u>What is the minimum distance between the closest lateral extents of the release and the following surface areas:</u> | |
| A continuously flowing watercourse or any other significant watercourse | 0.15 miles |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | > 5 miles |
| An occupied permanent residence, school, hospital, institution, or church | > 5 miles |
| A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes | > 5 miles |
| Any other fresh water well or spring | > 5 miles |
| Incorporated municipal boundaries or a defined municipal fresh water well field | > 5 miles |
| A wetland | 0.29 miles |
| A subsurface mine | > 5 miles |
| A (non-karst) unstable area | 0 miles |
| Categorized risk of this well / site being in a karst geology | Medium |
| A 100-year floodplain | > 5 miles |
| Did the release impact areas not on an exploration, development, production, or storage site? | No |

According to the New Mexico Office of the State Engineer (NMOSE) reporting system, there is one well within a ½-mile (800-meter) radius of the Site, located approximately 0.2 miles (313 meters) north of the approximate release point. The well was drilled to a total depth of 112 feet bgs and has a recorded depth to groundwater of 89.5 feet bgs. The site characterization data is included in Appendix B.

REGULATORY FRAMEWORK

Based upon the release footprint 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 (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

| Constituent | Site RRALs |
|-------------------|--------------|
| Chloride | 10,000 mg/kg |
| TPH (GRO+DRO+ORO) | 2,500 mg/kg |
| TPH (GRO+DRO) | 1,000 mg/kg |
| BTEX | 50 mg/kg |
| Benzene | 10 mg/kg |

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Additionally, in accordance with the NMOCD guidance Procedures for Implementation of the Spill Rule (19.15.29 NMAC) (September 6, 2019), the following reclamation requirements for surface soils (0-4 feet bgs) outside of active oil and gas operations are as follows:

| Constituent | Reclamation Requirements |
|-------------------|--------------------------|
| Chloride | 600 mg/kg |
| TPH (GRO+DRO+ORO) | 100 mg/kg |

SITE ASSESSMENT

The approximate release extent presented in Figure 3 was identified based on observations made in the field. The release extent comprised an area of approximately 320 square feet. Photographic documentation of the release area is presented in Appendix C.

On September 24, 2024, Tetra Tech was onsite to conduct assessment activities on behalf of BTA. Five (5) hand auger borings (AH-1, AH-4, AH-5, AH-7, and AH-8) were installed from 1 to 4 feet bgs, respectively, within the release extent. Three (3) hand auger borings (AH-2, AH-3, and AH-6) were installed along the perimeter of the release extent to 1-foot and 2 feet bgs.

A total of sixteen (16) soil samples were sent to Cardinal Laboratories in Hobbs, New Mexico (Cardinal) to be analyzed for chloride via Standard Method 4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. Analytical results associated with sample locations AH-4, AH-5, AH-7, and AH-8 exceeded the reclamation limit for TPH (100 mg/kg) and/or Chloride (600 mg/kg) in surface soils to depths ranging from 1 to 4 feet bgs. A copy of the laboratory analytical reports and chain-of-custody documentation are included in Appendix D.

On October 15, 2024, Tetra Tech remobilized to the Site to install two (2) additional hand auger borings (AH-9 and AH-10) to various depths ranging from 1-foot bgs to 8ft bgs to complete horizontal and vertical delineation of the release extent. Additionally, On October 22, 2024, Tetra Tech personnel oversaw the installation of one (1) soil trench (TS-1) to 10 feet bgs to complete vertical delineation of the release extent.

A total of five (15) soil samples were sent to Cardinal to be analyzed for chloride via Standard Method 4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analytical reports and chain-of-custody documentation are included in Appendix D.

Analytical results from the September and October 2024 assessment activities are summarized in Table 1. Vertical and horizontal delineation was completed as a result of the assessment sampling events. The sampling locations are presented in Figure 3.

REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING

Tetra Tech personnel mobilized to the site to conduct remedial activities and confirmation sampling on October 24 through October 31, 2024. Based on the collected analytical results, BTA subcontractor excavated the release extent to a maximum depth of 4 feet bgs to remove impacted soils, as presented in Figure 4. Prior to confirmation sampling, in accordance with Subsection D of 19.15.29.12 NMAC, the NMOCD district office was notified via email on October 18, 2024. Copies of the regulatory correspondence are included in Appendix E.

All of the excavated material was transported offsite for proper disposal. Approximately three hundred (300) cubic yards of material were transported to the Northern Delaware Basin Landfill facility in Jal, New Mexico. Copies of the waste manifest documents are included in Appendix F.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify the efficacy of remediation activities. Confirmation samples were collected such that each

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discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. Confirmation sidewall sample locations were labeled with "SW"-#, and confirmation floor sample locations were labeled with "FS"-#. Areas of excavation associated with exceedances of the Site RRALs were expanded horizontally. Iterative confirmation samples were located to encompass the original sample locations that triggered removal (nomenclature defined in Table 2) post-additional excavations.

A total of two (2) floor sample locations and three (3) sidewall sample locations were used during the remedial activities. Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. Laboratory analytical data is included in Appendix D.

The results of the 2024 confirmation sampling events are summarized in Table 2. Final analytical results for all confirmation soil samples (floor and sidewall) were below the applicable Site RRALs and reclamation limits for chloride, BTEX, and TPH.

CONCLUSION

Based on the results of the remedial activities and confirmation sampling, BTA respectfully requests closure of the incident. The current release footprint is fully remediated. Analytical results associated with the sampling events were below applicable Site RRALs following all remedial response actions; therefore, remediation of the release footprint is complete. The impacted surface area was remediated to meet the standards of Table I of 19.15.29.12 NMAC.

This final site assessment and closure report details the release characterization, remediation activities, and the results of the assessment sampling. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the soil assessment or remedial activities for the Site, please call me at (512) 560-9064.

Sincerely,

Tetra Tech, Inc.



Nicholas Poole, G.I.T.
Project Manager



Samantha Allen
Project Lead

cc: Ray Ramos, BTA Oil Producers, LLC

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BTA Oil, LLC

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Site Assessment Map
- Figure 4 – Release Remediation and Confirmation Sampling Map

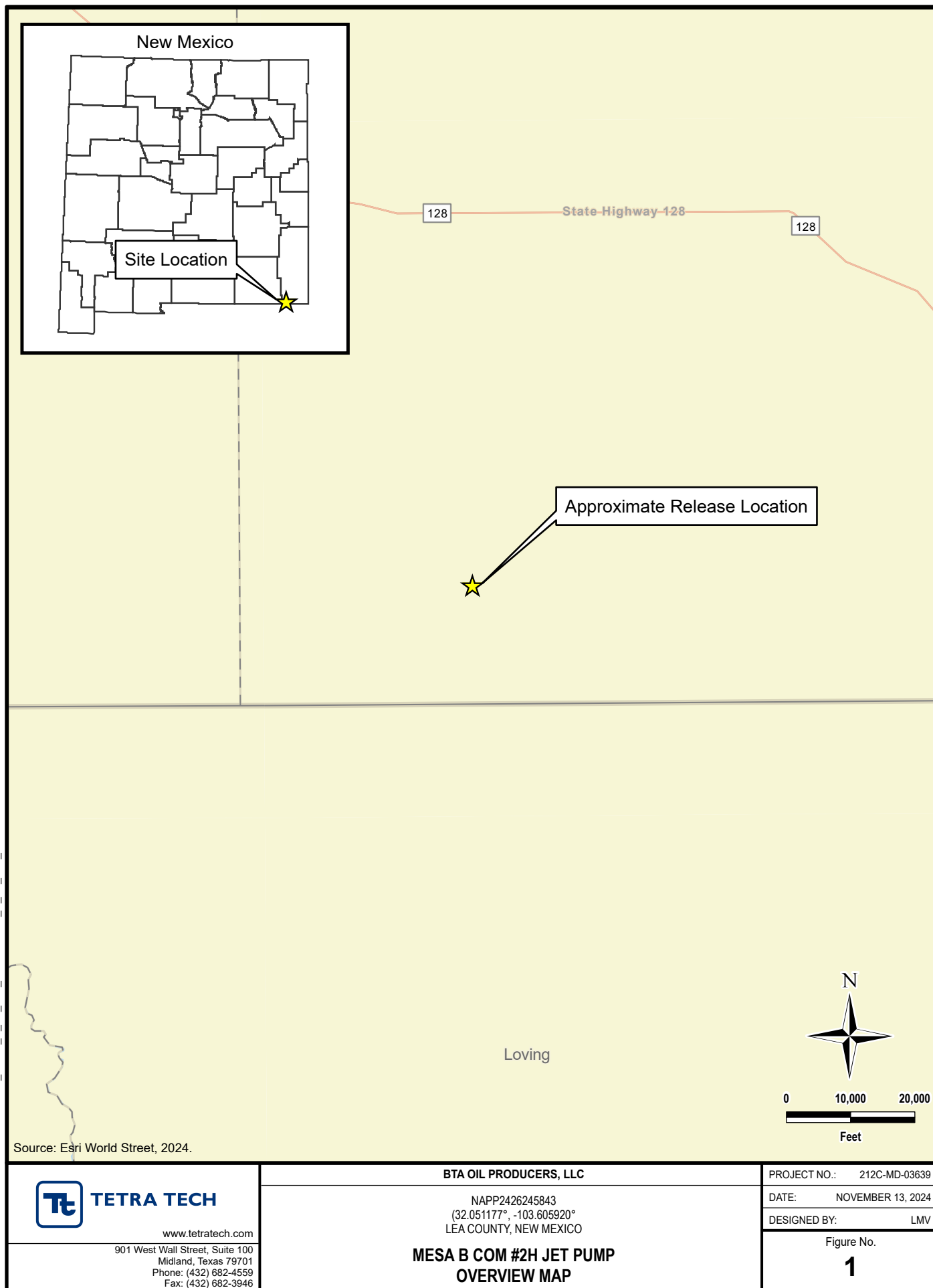
Tables:

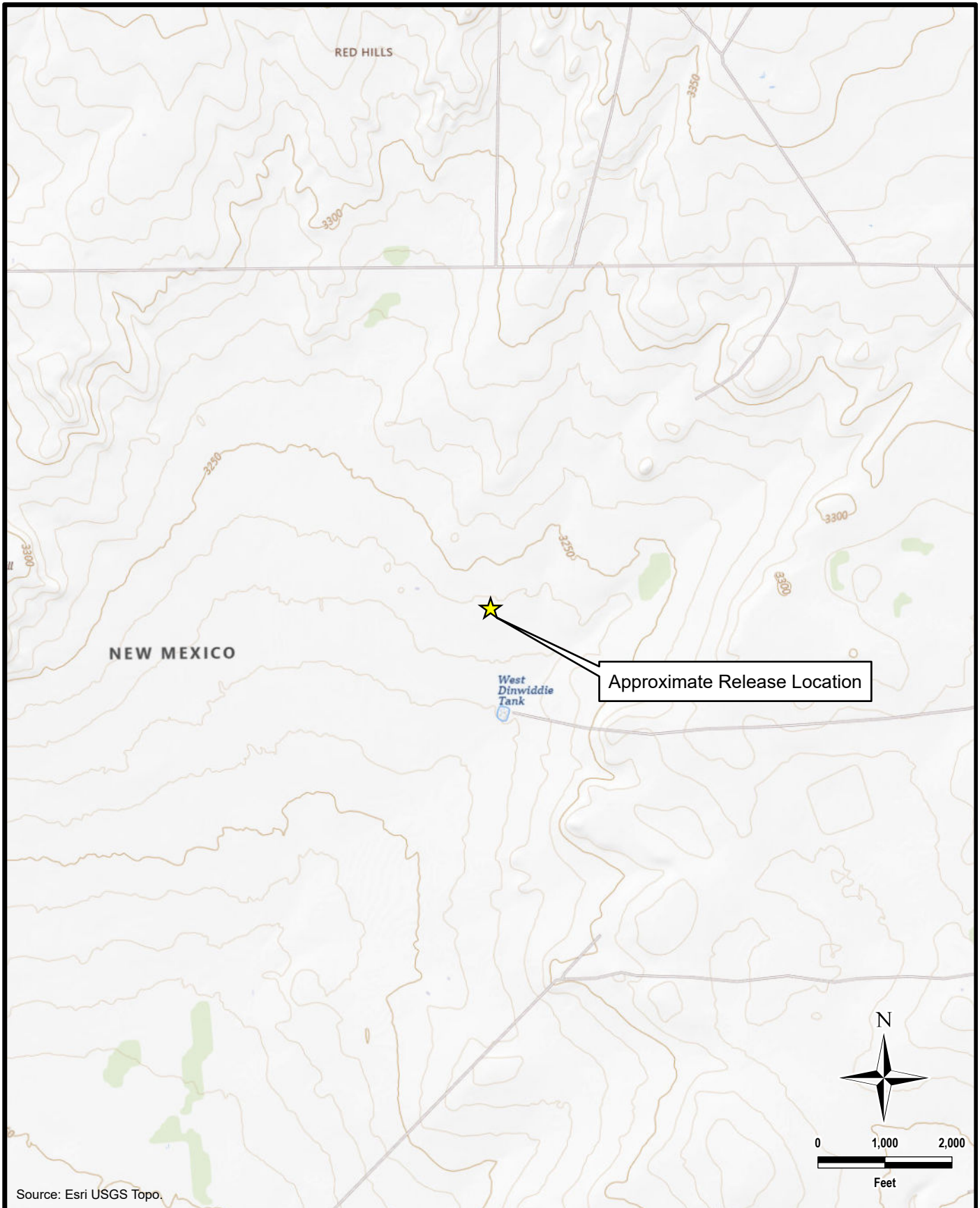
- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation

Appendices:

- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Photographic Documentation
- Appendix D – Laboratory Analytical Data
- Appendix E –Regulatory Correspondence
- Appendix F – Waste Manifests

FIGURES





Source: Esri USGS Topo.



TETRA TECH

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BTA OIL PRODUCERS, LLC

NAPP2426245843
(32.051177°, -103.605920°
LEA COUNTY, NEW MEXICO

**MESA B COM #2H JET PUMP
TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-03639

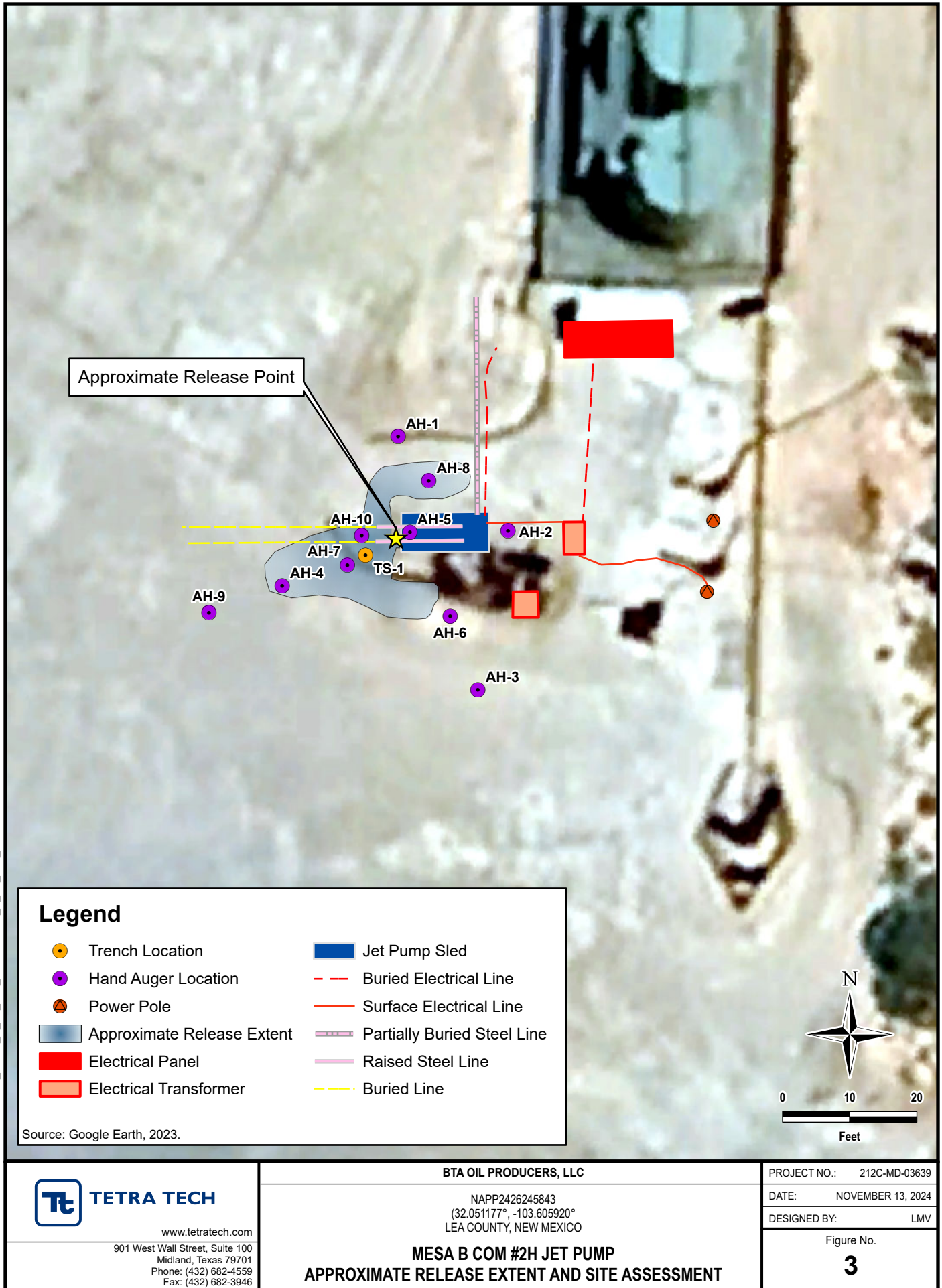
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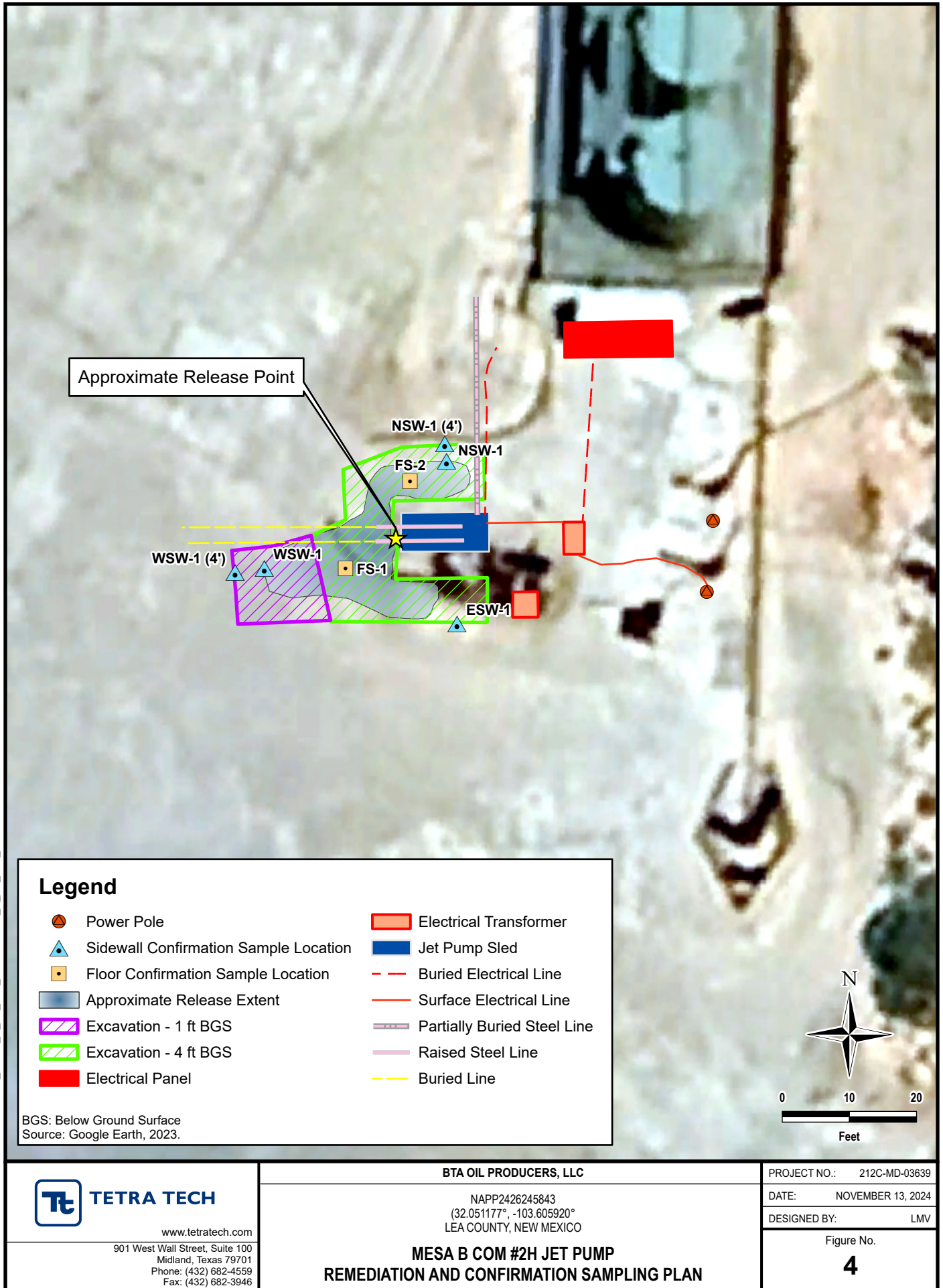
DESIGNED BY: LMV

Figure No.

2

DOCUMENT PATH: Y:\BTA\212C-MD-03639_MESA_B_2H_JET_PUMP\MESA_B_2H_JET_PUMP\APRX





TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT- nAPP2426245843
BTA OIL, LLC
Mesa B 2H Jet Pump
LEA COUNTY, NM

| Sample ID | Sample Date | Sample Depth | Field Screening Results | Chloride | | BTEX ² | | | | | | | | | | TPH ³ | | | | | | | |
|-----------|-------------|--------------|-------------------------|---------------|-------|-------------------|---|---------|---|--------------|---|---------------|---|------------|---|------------------|---|-------|---|---------|---|--------------------------------|--|
| | | | Chloride | | | Benzene | | Toluene | | Ethylbenzene | | Total Xylenes | | Total BTEX | | GRO | | DRO | | EXT DRO | | Total TPH (GRO+DRO+EXT DRO) | |
| | | ft. bgs | ppm | 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 | |
| AH-1 | 9/24/2024 | 1 | 132 | 32 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| AH-2 | 9/24/2024 | 1 | 222 | 80 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| AH-3 | 9/24/2024 | 1 | 145 | 32 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| AH-4 | 9/24/2024 | 1 | 250 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 158 | | 65.4 | | 223.4 | |
| AH-5 | 9/24/2024 | 0-1 | - | 16,000 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 1-2 | 6,100 | 6,260 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 2-3 | 7,220 | 6,260 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 3-4 | 9,430 | 7,060 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| AH-6 | 9/24/2024 | 0-1 | 222 | 96 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 1-2 | 187 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| AH-7 | 9/24/2024 | 0-1 | 7,720 | 5,860 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 1-2 | 7,260 | 6,400 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 2-3 | 3,770 | 2,560 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| AH-8 | 9/24/2024 | 0-1 | 888 | 640 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 1-2 | 7,570 | 4,880 | QM-07 | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 2-3 | 3,920 | 2,840 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| AH-9 | 10/15/2024 | 0-1 | - | <16.0 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| AH-10 | 10/15/2024 | 6-7 | - | 3,200 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 7-8 | - | 1,330 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| TS-1 | 10/22/2024 | 8-9 | - | 16 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |
| | | 9-10 | - | 112 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | |

NOTES:

- ft. Feet
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500CI-B
- 2 Method 8021B
- 3 Method 8015M

Bold and italicized values indicate exceedance of proposed RRALs

QUALIFIERS:

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

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL REMEDIATION - nAPP2426245843
BTA OIL, LLC
Mesa B 2H Jet Pump
LEA COUNTY, NM

| Sample ID | Sample Date | Sample Depth | Chloride ¹ | | BTEX ² | | | | | | | | | | TPH ³ | | | | | | |
|-----------|-------------|--------------|-----------------------|---|-------------------|---|---------|---|--------------|---|---------------|---|------------|---|----------------------------------|---|-------------------------------------|---|-------------------------------------|---|--------------------------------|
| | | | | | Benzene | | Toluene | | Ethylbenzene | | Total Xylenes | | Total BTEX | | GRO | | DRO | | EXT DRO | | Total TPH (GRO+DRO+EXT DRO) |
| | | | | | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | C ₆ - C ₁₀ | Q | > C ₁₀ - C ₂₈ | Q | > C ₂₈ - C ₃₆ | Q | |
| | | ft. 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 |
| FS-1 | 10/24/2024 | 4 | 1,440 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| FS-2 | 10/24/2024 | 4 | 4,000 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| NSW-1* | 10/24/2024 | - | 3,760 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 11.9 | | <10.0 | | 11.9 |
| NSW-1 (4) | 10/31/2024 | - | 448 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| ESW-1 | 10/24/2024 | - | 224 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| WSW-1* | 10/24/2024 | - | 1,960 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| WSW-1 (4) | 10/31/2024 | - | 176 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

Bold and italicized values indicate exceedance of proposed Remediation RRALs and Reclamation Requirements.

Gold highlight represents soil horizons that were removed during deepening of excavation floors.

Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.

* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in ().

APPENDIX A C-141 Forms

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 384703

QUESTIONS

| | |
|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 384703 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|--|--------------------|
| Location of Release Source <i>Please answer all the questions in this group.</i> | |
| Site Name | Mesa B 2H Jet Pump |
| Date Release Discovered | 09/16/2024 |
| Surface Owner | Private |

| | |
|--|------------------------|
| Incident Details <i>Please answer all the questions in this group.</i> | |
| Incident Type | Produced Water 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 <i>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.</i> | |
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Pump Produced Water Released: 21 BBL Recovered: 20 BBL Lost: 1 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) | On September 16, 2024 at approximately 6:00 PM MDT, BTA personnel discovered a leak from a hammer union and nipple on a Jet Pump at the Mesa B 2H CTB. Approximately 21 BBLs of produced water were released, 20 BBLs were recovered during initial response. |

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1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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 384703

QUESTIONS (continued)

| | |
|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 384703 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

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. 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 safety hazard that would result in injury. | |
| 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. |
| Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. | |

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ACKNOWLEDGMENTS

Action 384703

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| | |
|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 384703 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

ACKNOWLEDGMENTS

| | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | I acknowledge that I am authorized to submit notification of a release on behalf of my operator. |
| <input checked="" type="checkbox"/> | I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29. |
| <input checked="" type="checkbox"/> | I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29. |
| <input checked="" type="checkbox"/> | 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. |
| <input checked="" type="checkbox"/> | I acknowledge the fact that 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. |
| <input checked="" type="checkbox"/> | I acknowledge the fact that, 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. |

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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

CONDITIONS

Action 384703

CONDITIONS

| | |
|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 384703 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

CONDITIONS

| Created By | Condition | Condition Date |
|----------------|---|----------------|
| nicholas poole | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 9/18/2024 |

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Release Location Name: Mesa B 2H Jet Pump Date of Release: 9/16/2024

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here: ☒

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here:

OIL:

0.0000 BBL

WATER:

0.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

| Total Area Calculations | | | | | Standing Liquid Calculations | | | | | | | | |
|-------------------------|----------|--------|----------------|---------|------------------------------|-------|-------------------|--------------|---------|----------|---|---------|-------|
| Total Surface Area | width | length | wet soil depth | oil (%) | Standing Liquid Area | width | length | liquid depth | oil (%) | | | | |
| Rectangle Area #1 | 20.00 ft | X | 17.00 ft | X | 18.00 in | 0.00% | Rectangle Area #1 | 16.00 ft | X | 12.00 ft | X | 3.00 in | 0.00% |
| Rectangle Area #2 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #2 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #3 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #3 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #4 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #4 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #5 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #5 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #6 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #6 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #7 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #7 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #8 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #8 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production:

Oil

Water

BBL

BBL

Did leak occur before the separator?: ☐ YES ☒ N/A (place an "X")

Amount of Free Liquid Recovered:

20 BBL

okay

Percentage of Oil in Free Liquid Recovered:

0.00%

(percentage)

Liquid holding factor *:

0.14 gal per gal

Use the following when the spill wets the grains of the soil.

* sand = .08 gallon liquid per gallon volume of soil.

* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.

* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.

* clay loam = .16 gallon liquid per gallon volume of soil.

Use the following when the liquid completely fills the pore space of the soil:

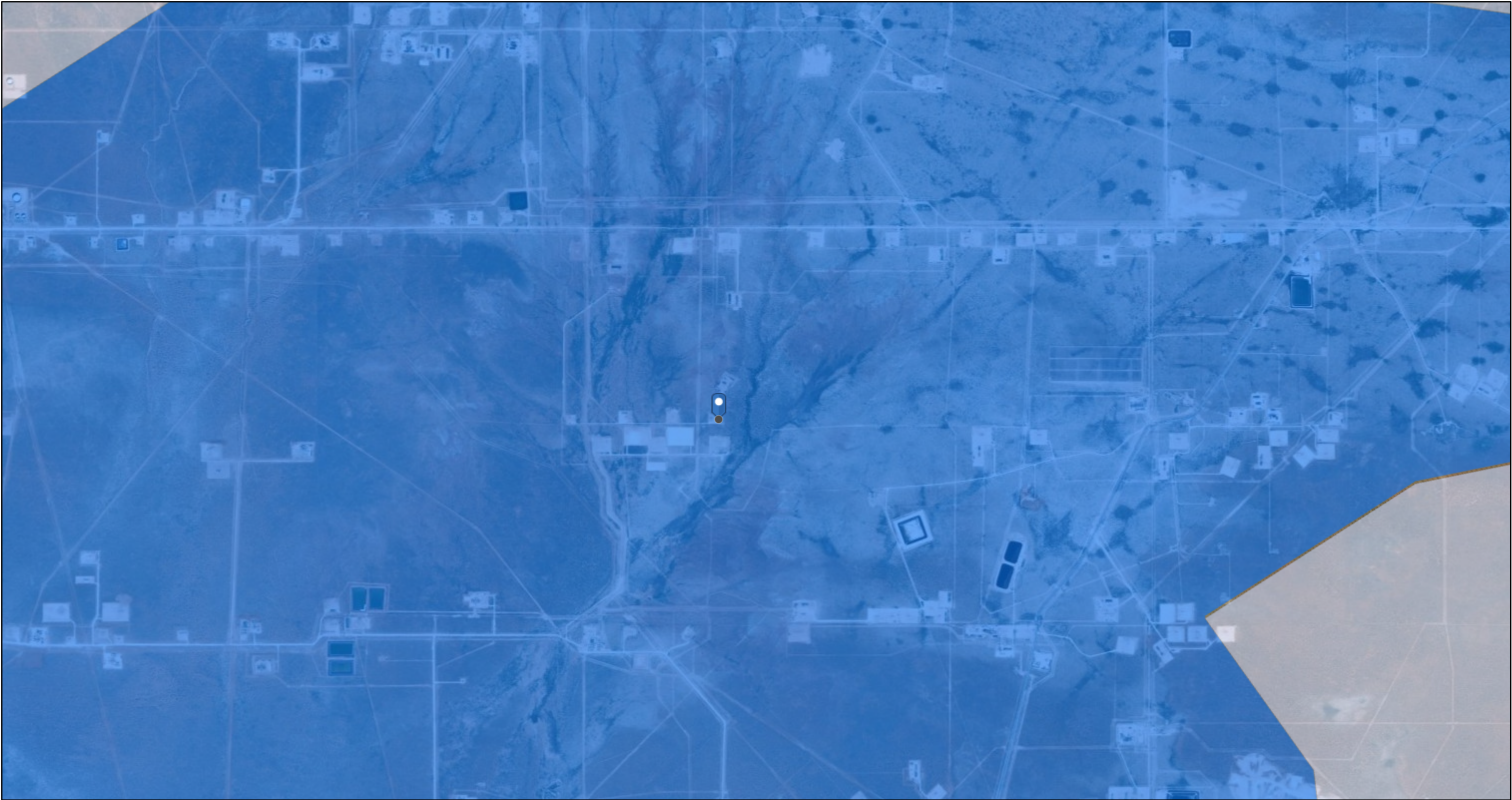
Occurs when the spill soaked soil is contained by barriers, natural (or not).

* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.

* sandy loam = .5 gallon liquid per gallon volume of soil.

| Saturated Soil Volume Calculations: | | | Free Liquid Volume Calculations: | | |
|-------------------------------------|-------------|--------------|--|-------------|------------|
| Total Solid/Liquid Volume: | 340 sq. ft. | 510 cu. ft. | Total Free Liquid Volume: | 192 sq. ft. | 48 cu. ft. |
| <u>Estimated Volumes Spilled</u> | | | <u>Estimated Production Volumes Lost</u> | | |
| Liquid in Soil: | 12.7 BBL | 0.0 BBL | Estimated Production Spilled: | 0.0 BBL | 0.0 BBL |
| Free Liquid: | 8.5 BBL | 0.0 BBL | <u>Estimated Surface Damage</u> | | |
| Totals: | 21.3 BBL | 0.0 BBL | Surface Area: | 340 sq. ft. | |
| | | | Surface Area: | .0078 acre | |
| | | | <u>Estimated Weights, and Volumes</u> | | |
| | | | Saturated Soil = | 57,120 lbs | 510 cu.ft. |
| | | | Total Liquid = | 21 BBL | 893 gallon |
| <u>Recovered Volumes</u> | | | | | 19 cu.yds. |
| Estimated oil recovered: | 0.0 BBL | check - okay | | | 7,431 lbs |
| Estimated water recovered: | 20.0 BBL | check - okay | | | |

NM OCD - Permian Basin Karst Areas

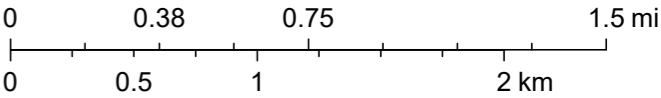


9/18/2024, 1:11:24 PM

Karst Occurrence Potential

- Medium
- Low

1:36,112



BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Maxar

National Flood Hazard Layer FIRMette



103°36'40"W 32°3'20"N



Legend

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

| | | |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE) Zone A, V, A99 |
| | | With BFE or Depth Zone AE, AO, AH, VE, AR |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee. See Notes. Zone X |
| | | Area with Flood Risk due to Levee Zone D |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard Zone X |
| | | Effective LOMRs |
| | | Area of Undetermined Flood Hazard Zone D |
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 9/18/2024 at 2:24 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.

NM OCD - Surface Ownership



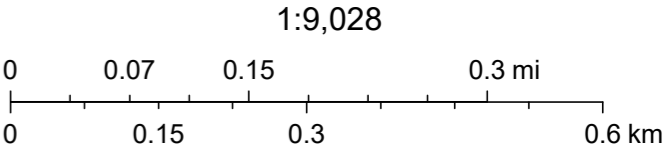
9/18/2024, 1:12:05 PM

Mineral Ownership

- A-All minerals are owned by U.S.
- N-No minerals are owned by the U.S.

Land Ownership

- BLM
- P
- S



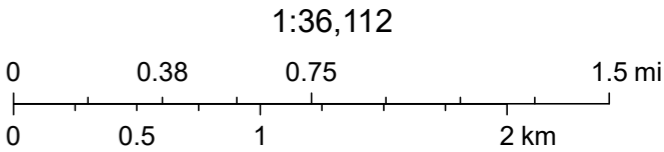
U.S. BLM, Esri, HERE, Garmin, IPC, Maxar

NM OCD - USGS Groundwater Wells



9/18/2024, 1:19:25 PM

▲ USGS Historical GW Wells



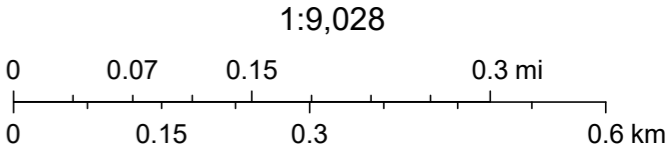
Esri, HERE, Garmin, USGS, Maxar

NM OCD - Waterbodies



9/18/2024, 1:20:28 PM

— OSE Streams



USGS, Esri, HERE, Garmin, iPC, Maxar, NM OSE

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 384711

QUESTIONS

| | |
|---|---|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 384711 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|-------------------|---------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2426245843 |
| Incident Name | NAPP2426245843 MESA B 2H JET PUMP @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Received |
| Incident Facility | [fAPP2129922900] Mesa B 2H |

| | |
|--|--------------------|
| Location of Release Source | |
| Please answer all the questions in this group. | |
| Site Name | Mesa B 2H Jet Pump |
| Date Release Discovered | 09/16/2024 |
| Surface Owner | Private |

| | |
|--|------------------------|
| Incident Details | |
| Please answer all the questions in this group. | |
| Incident Type | Produced Water 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 | Not answered. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Pump Produced Water Released: 21 BBL Recovered: 20 BBL Lost: 1 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) | On September 16, 2024 at approximately 6:00 PM MDT, BTA personnel discovered a leak from a hammer union and nipple on a Jet Pump at the Mesa B 2H CTB. Approximately 21 BBLs of produced water were released, 20 BBLs were recovered during initial response. |

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QUESTIONS, Page 2

Action 384711

QUESTIONS (continued)

| | |
|---|---|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 384711 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

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. 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 safety hazard that would result in injury.

| | |
|--|---------------|
| 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. |

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 09/18/2024 |
|--|--|

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QUESTIONS, Page 3

Action 384711

QUESTIONS (continued)

| | |
|---|---|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 384711 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|--|----------------------------|
| Site Characterization | |
| <i>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 the release discovery date.</i> | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 75 and 100 (ft.) |
| What method was used to determine the depth to ground water | Direct Measurement |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and 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) | Greater than 5 (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 | Greater than 5 (mi.) |
| Any other fresh water well or spring | Greater than 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 500 and 1000 (ft.) |
| 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 | Medium |
| 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 | |
| <i>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.</i> | |
| Requesting a remediation plan approval with this submission | No |
| <i>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.</i> | |

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CONDITIONS

Action 384711

CONDITIONS

| | |
|---|---|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 384711 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

CONDITIONS

| | | |
|---------------|-----------|----------------|
| Created By | Condition | Condition Date |
| scott.rodgers | None | 9/18/2024 |

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|---|--|
| What is the shallowest depth to groundwater beneath the area affected by the release? | _____ (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

| |
|---|
| <p>Characterization Report Checklist: <i>Each of the following items must be included in the report.</i></p> <div><input type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.<input type="checkbox"/> Field data<input type="checkbox"/> Data table of soil contaminant concentration data<input type="checkbox"/> Depth to water determination<input type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release<input type="checkbox"/> Boring or excavation logs<input type="checkbox"/> Photographs including date and GIS information<input type="checkbox"/> Topographic/Aerial maps<input type="checkbox"/> Laboratory data including chain of custody</div> |
|---|

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX B

Site Characterization Data

NM OCD - Surface Ownership



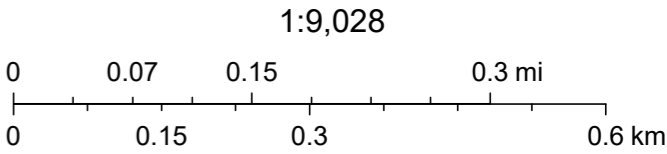
9/18/2024, 1:12:05 PM

Mineral Ownership

- A-All minerals are owned by U.S.
- N-No minerals are owned by the U.S.

Land Ownership

- BLM
- P
- S



U.S. BLM, Esri, HERE, Garmin, IPC, Maxar



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DTI AUG 2 2021 PM4:44

| | | | | | | | | |
|---|---|------------------|--|--|---|--|---|--------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) POD1 (MW-1) | | WELL TAG ID NO. n/a | | OSE FILE NO(S). C-4547 | | | |
| | WELL OWNER NAME(S) BTA Oil Producers | | | | PHONE (OPTIONAL) | | | |
| | WELL OWNER MAILING ADDRESS 104 S. Pecos St. | | | | CITY Midland | STATE TX | ZIP 79701 | |
| | WELL LOCATION (FROM GPS) | DEGREES 32 | MINUTES 3 | SECONDS 14.34 | N | * ACCURACY REQUIRED: ONE TENTH OF A SECOND | | |
| | | LONGITUDE 103 | 36 | 16.96 | W | * DATUM REQUIRED: WGS 84 | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE SE SE Sec. 07 T26S R33E | | | | | | | | |
| 2. DRILLING & CASING INFORMATION | LICENSE NO. 1249 | | NAME OF LICENSED DRILLER Jackie D. Atkins | | | NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc. | | |
| | DRILLING STARTED 07/15/2021 | | DRILLING ENDED 07/15/2021 | | DEPTH OF COMPLETED WELL (FT) temporary well material | BORE HOLE DEPTH (FT) 112 | DEPTH WATER FIRST ENCOUNTERED (FT) unknown | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED) | | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) 89.5 | | |
| | DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: | | | | | | | |
| | DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger | | | | | | | |
| | DEPTH (feet bgl) | | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
| | FROM | TO | | | | | | |
| | 0 | 21 | ±8.5 | Boring- HSA | -- | -- | -- | -- |
| | 21 | 112 | ±3.5 | Boring- Air Rotary | -- | -- | -- | -- |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT | | |
| | FROM | TO | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

| | | |
|---------------------------|--------------------|----------------|
| FILE NO. C-4547 | POD NO. 1 | TRN NO. 698291 |
| LOCATION 26S-33E-07 4-4-2 | WELL TAG ID NO. NA | PAGE 1 OF 2 |

DSE DTI AUG 2 2021 PM4:44

| 4. HYDROGEOLOGIC LOG OF WELL | DEPTH (feet bgl) | | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm) |
|---|--|---|------------------|--|---|---|
| | FROM | TO | | | | |
| | 0 | 4 | 4 | Caliche, Consolidated, White | Y ✓ N | |
| | 4 | 44 | 40 | Sand, Fine-grained, poorly graded, with caliche gravel, Redish Brown | Y ✓ N | |
| | 44 | 51 | 7 | Clay, Stiff, Dark Brown, | Y ✓ N | |
| | 51 | 103 | 52 | Sandstone, Fine-grained, poorly graded, Tan Brown | ✓ Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY: | | | | | TOTAL ESTIMATED WELL YIELD (gpm): 0.00 | |
| 5. TEST; RIG SUPERVISION | WELL TEST | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. | | | | |
| | MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record | | | | | |
| PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino | | | | | | |
| 6. SIGNATURE | <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <p style="font-size: 1.2em; margin: 0;">Jack Atkins</p> <p style="margin: 0;">SIGNATURE OF DRILLER / PRINT SIGNEE NAME</p> </div> <div style="width: 30%; text-align: center;"> <p style="margin: 0;">Jackie D. Atkins</p> </div> <div style="width: 30%; text-align: right;"> <p style="margin: 0;">07/29/2021</p> <p style="margin: 0;">DATE</p> </div> </div> | | | | | |

| | | | |
|---------------------------|--------------------|--|--|
| FOR OSE INTERNAL USE | | WR-20 WELL RECORD & LOG (Version 06/30/2017) | |
| FILE NO. C-4547 | POD NO. 1 | TRN NO. | |
| LOCATION 26S-33E-07 4-4-2 | WELL TAG ID NO. NA | PAGE 2 OF 2 | |

2021-07-28_C-4547_POD1_OSE_Well Record and Log_mesa1-for sign

Final Audit Report

2021-07-29

Created: 2021-07-29






OSE DJT AUG 2 2021 PM4:44

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signed

Transaction ID: CBJCHBCAABAA3aQOFUKeCXoHbozKpK1XeoMdl53lwclm

"2021-07-28_C-4547_POD1_OSE_Well Record and Log_mesa1-for sign" History

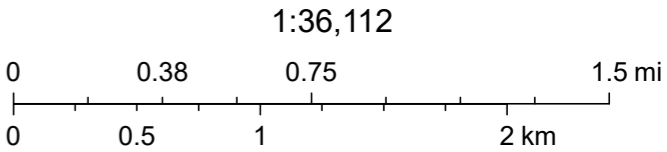
-  Document created by Lucas Middleton (lucas@atkinseng.com)
2021-07-29 - 8:40:54 PM GMT- IP address: 69.21.248.123
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2021-07-29 - 8:41:43 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2021-07-29 - 8:43:29 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2021-07-29 - 8:44:00 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2021-07-29 - 8:44:00 PM GMT

NM OCD - USGS Groundwater Wells



9/18/2024, 1:19:25 PM

▲ USGS Historical GW Wells



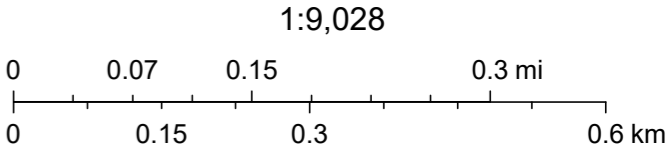
Esri, HERE, Garmin, USGS, Maxar

NM OCD - Waterbodies



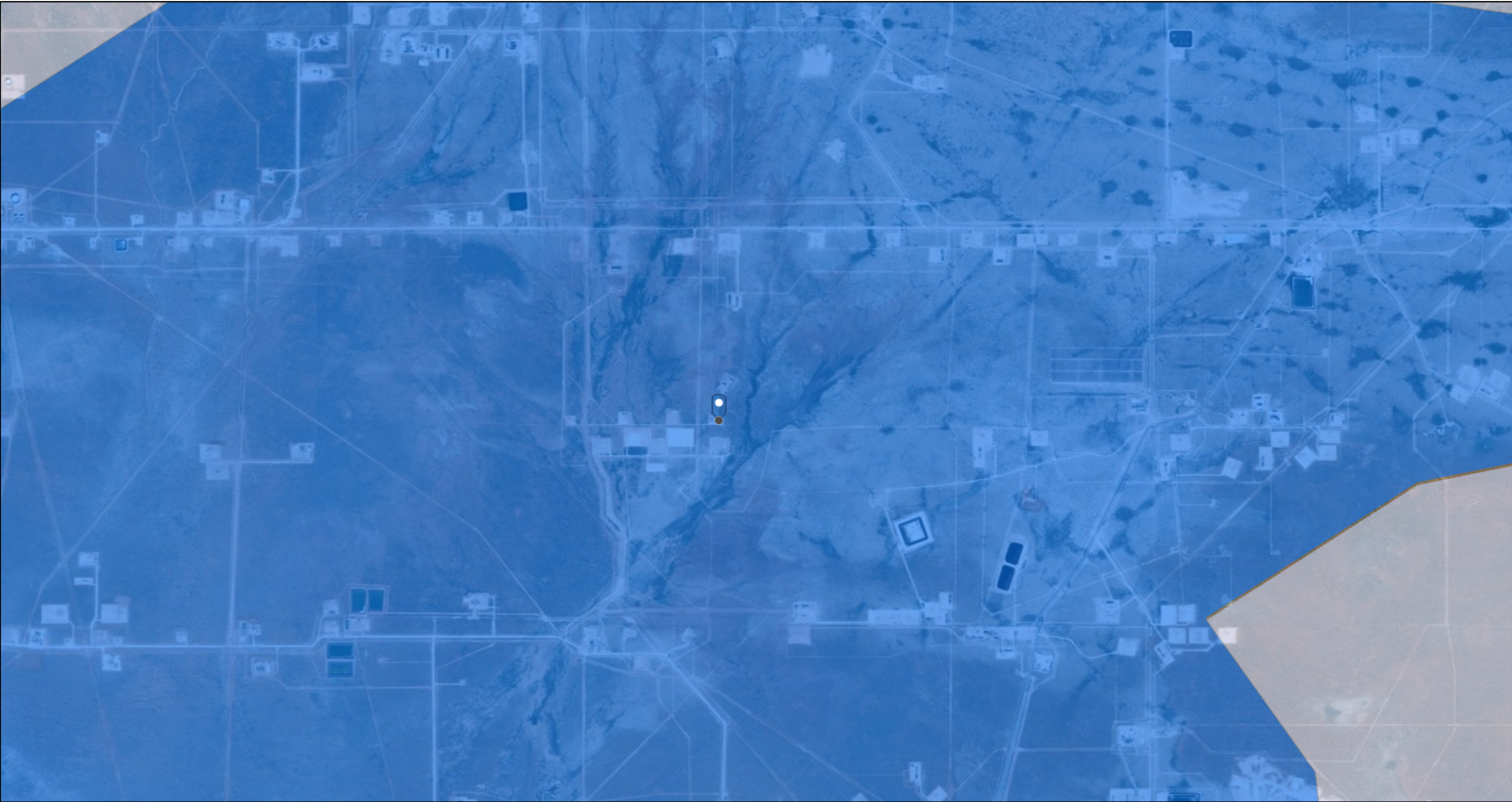
9/18/2024, 1:20:28 PM

— OSE Streams



USGS, Esri, HERE, Garmin, iPC, Maxar, NM OSE

NM OCD - Permian Basin Karst Areas

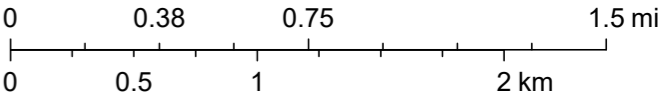


9/18/2024, 1:11:24 PM

Karst Occurrence Potential

- Medium
- Low

1:36,112

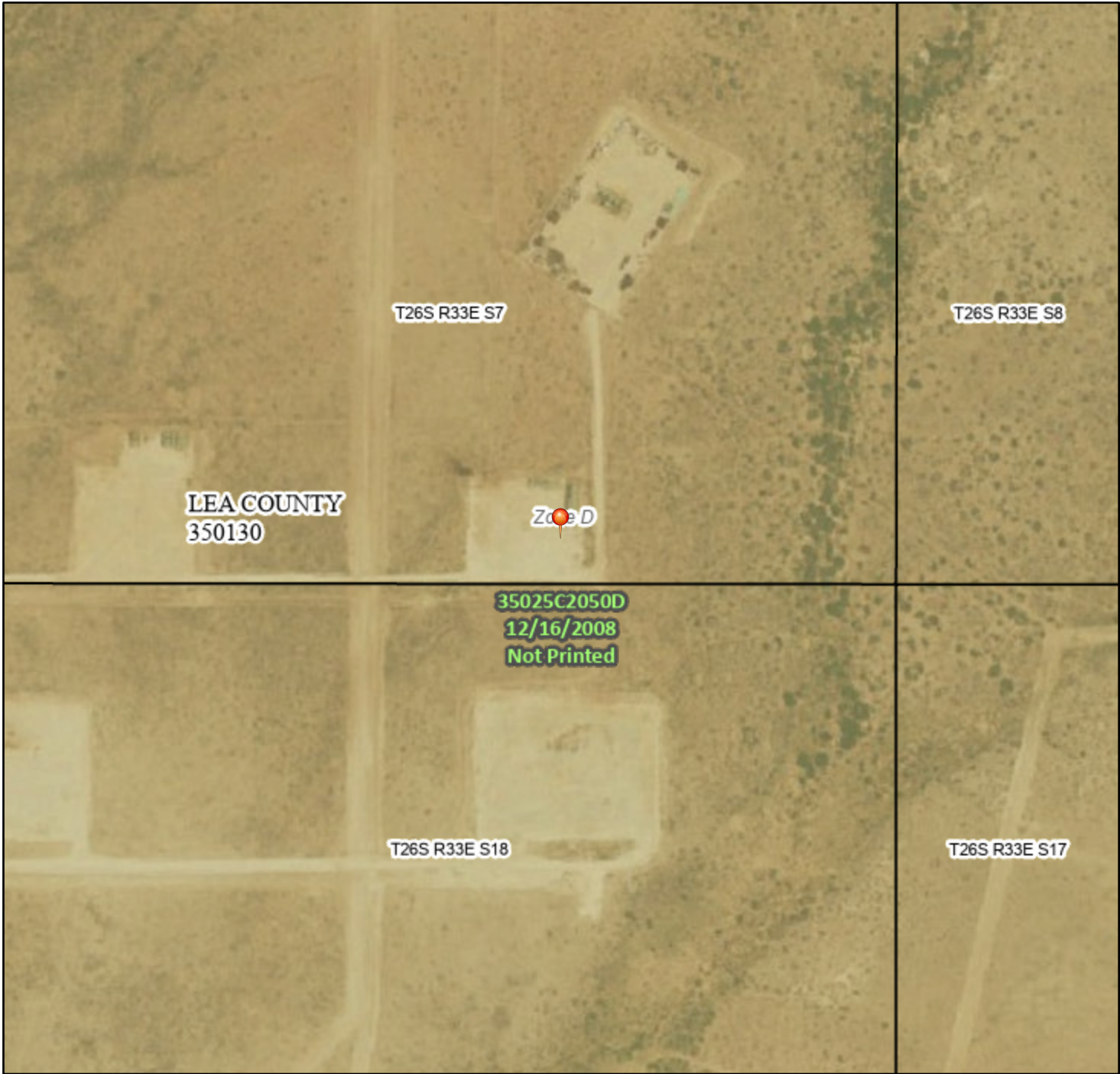


BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Maxar

National Flood Hazard Layer FIRMMette



103°36'40"W 32°3'20"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°36'3"W 32°2'49"N

Released to Imaging: 12/23/2024 3:10:12 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

| | | |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE) Zone A, V, A99 |
| | | With BFE or Depth Zone AE, AO, AH, VE, AR |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee. See Notes. Zone X |
| | | Area with Flood Risk due to Levee Zone D |
| | | NO SCREEN Area of Minimal Flood Hazard Zone X |
| OTHER AREAS | | Effective LOMRs |
| | | Area of Undetermined Flood Hazard Zone D |
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |



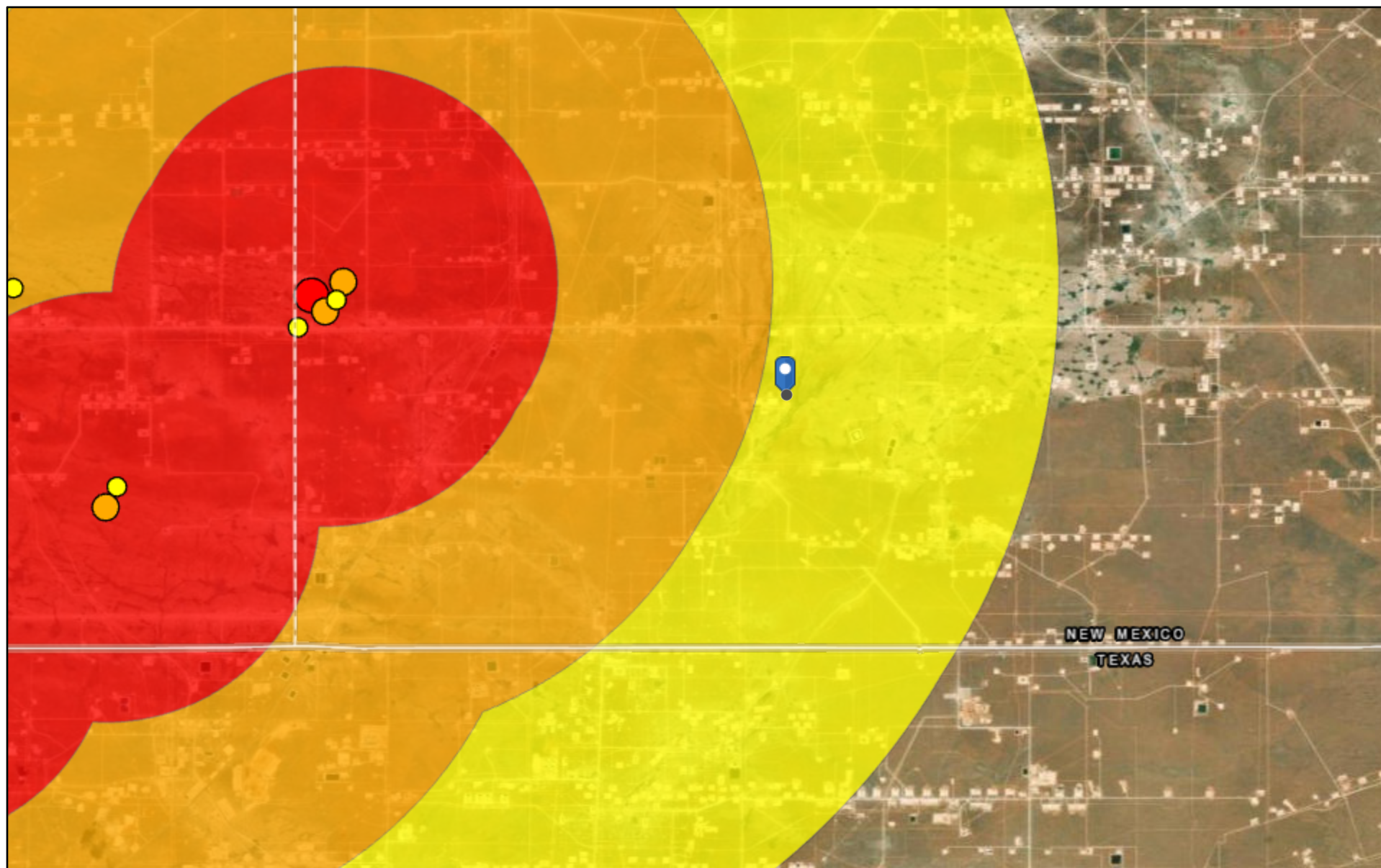
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 9/18/2024 at 2:24 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.

OCD Seismicity Area



11/7/2024, 2:06:20 PM

Seismic Response 3.0 to 3.4

3 mi.

6 mi.

10 mi.

M2.5+ Earthquakes (2021+)

2.5 - 2.9

3.0 - 3.4

3.5 and above

1:144,448

0 1 2 4 mi
0 1.5 3 6 km

Oil Conservation Division (OCD), Energy, Minerals and Natural Resources
Department (EMNRD), Esri, HERE, Garmin, Earthstar Geographics

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

APPENDIX C

Photographic Documentation



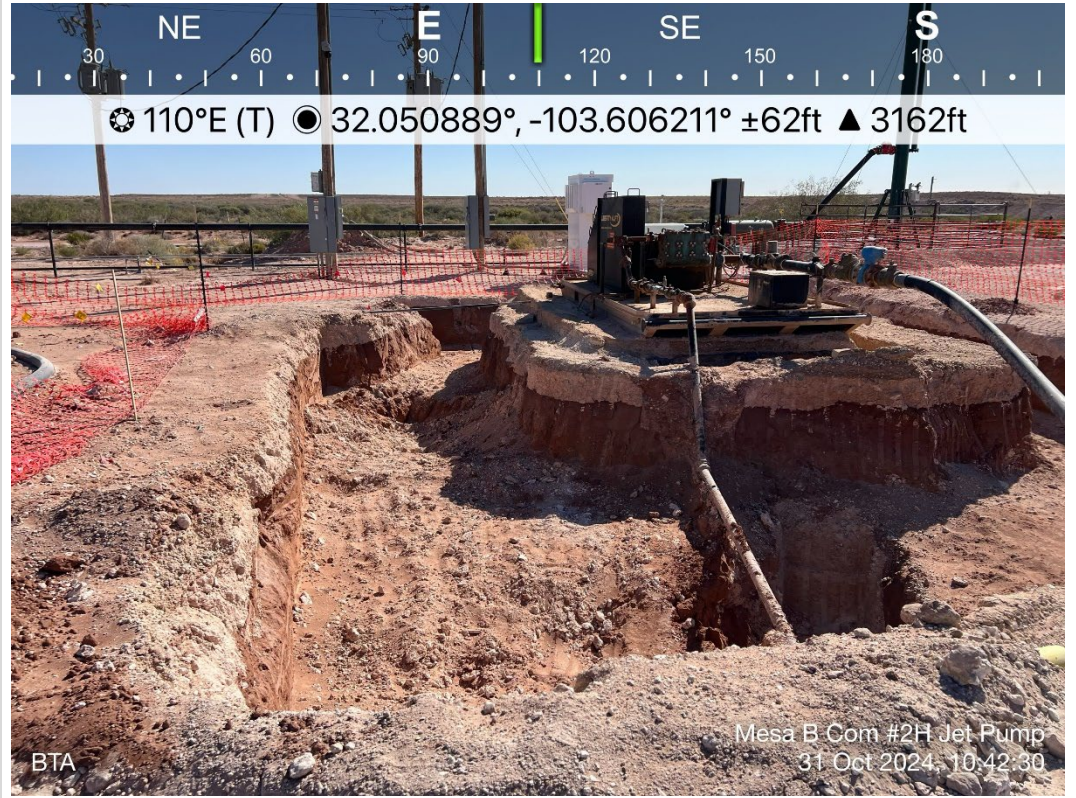
| | | | |
|--|-------------|--|-----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03639 | DESCRIPTION | View north-northeast of site signage. Mesa B #2 Battery. | 1 |
| | SITE NAME | Mesa B 8115 JV P Com #002H Jet Pump Release | 9/24/2024 |



| | | | |
|--|-------------|--|-----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03639 | DESCRIPTION | View south-southwest of jet pump and associated production equipment. View of marked subsurface utilities. | 2 |
| | SITE NAME | Mesa B 8115 JV P Com #002H Jet Pump Release | 9/24/2024 |



| | | | |
|--|-------------|--|-----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03639 | DESCRIPTION | View southeast of jet pump and associated production equipment. View of marked subsurface utilities. | 3 |
| | SITE NAME | Mesa B 8115 JV P Com #002H Jet Pump Release | 9/24/2024 |



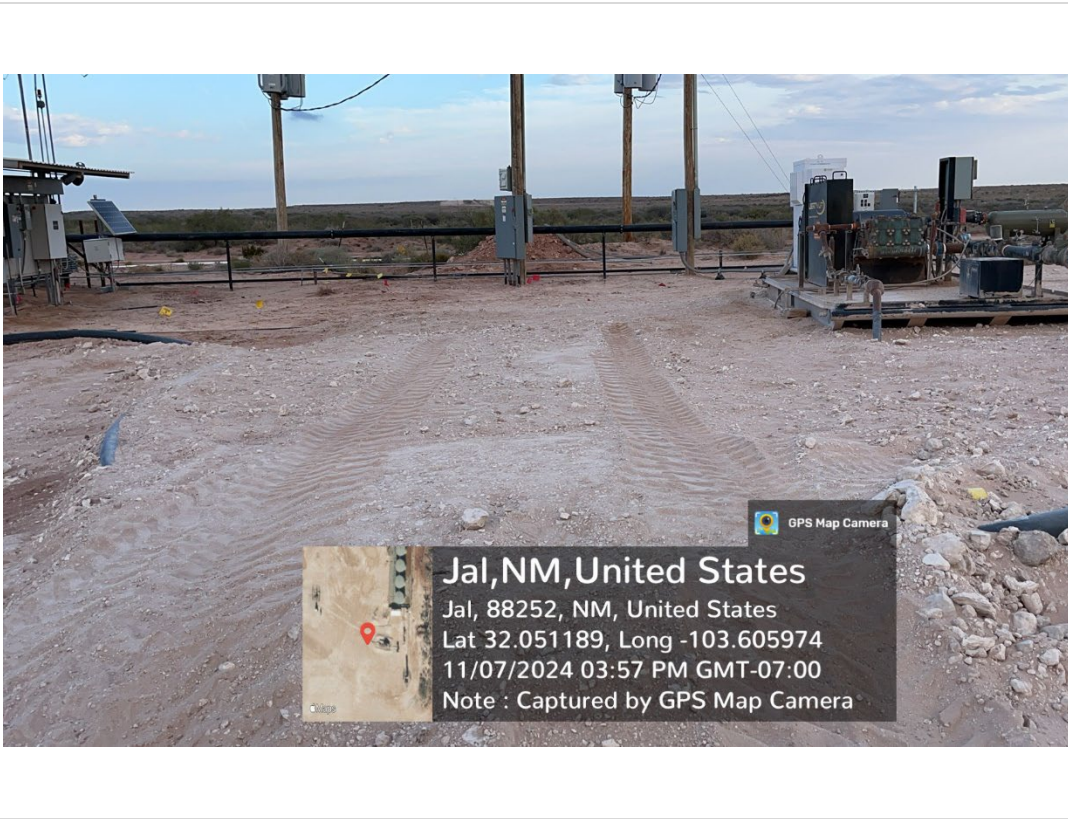
| | | | |
|--|-------------|---|------------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03639 | DESCRIPTION | View east-southeast of excavation progress in vicinity of jet pump. | 4 |
| | SITE NAME | EXXON 8 FEDERAL #001 Release | 10/31/2024 |



| | | | |
|--|-------------|--|------------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03639 | DESCRIPTION | View south-southwest of excavation progress in vicinity of jet pump. | 5 |
| | SITE NAME | Mesa B 8115 JV P Com #002H Jet Pump Release | 10/31/2024 |



| | | | |
|--|-------------|--|------------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03639 | DESCRIPTION | View of excavation progress in vicinity of jet pump. | 6 |
| | SITE NAME | Mesa B 8115 JV P Com #002H Jet Pump Release | 10/31/2024 |



| | | | |
|---|-------------|--|-----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-003639 | DESCRIPTION | View of completed and backfilled excavation. | 7 |
| | SITE NAME | Mesa B 8115 JV P Com #002H Jet Pump Release | 11/7/2024 |



| | | | |
|--|-------------|--|-----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03639 | DESCRIPTION | View of completed and backfilled excavation. | 8 |
| | SITE NAME | Mesa B 8115 JV P Com #002H Jet Pump Release | 11/7/2024 |



| | | | |
|--|-------------|--|-----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03639 | DESCRIPTION | View of completed and backfilled excavation. | 9 |
| | SITE NAME | Mesa B 8115 JV P Com #002H Jet Pump Release | 11/7/2024 |

APPENDIX D

Laboratory Analytical Data



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

September 25, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 09/24/24 14:14.

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 1 @ 1' (H245796-01)

| BTX 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 | 09/24/2024 | ND | 2.19 | 110 | 2.00 | 1.02 | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 2.16 | 108 | 2.00 | 5.53 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 2.25 | 112 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 6.73 | 112 | 6.00 | 8.50 | |
| Total BTX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

| Chloride, SM4500Cl-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 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | |

| 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 | 09/24/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 2 @ 1' (H245796-02)

| 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 | 09/24/2024 | ND | 2.19 | 110 | 2.00 | 1.02 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 2.16 | 108 | 2.00 | 5.53 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 2.25 | 112 | 2.00 | 8.05 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 6.73 | 112 | 6.00 | 8.50 | | |
| Total BTEX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 3 @ 1' (H245796-03)

| 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 | 09/24/2024 | ND | 2.19 | 110 | 2.00 | 1.02 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 2.16 | 108 | 2.00 | 5.53 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 2.25 | 112 | 2.00 | 8.05 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 6.73 | 112 | 6.00 | 8.50 | | |
| Total BTEx | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

| 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 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 4 @ 1' (H245796-04)

| 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 | 09/25/2024 | ND | 2.19 | 110 | 2.00 | 1.02 | |
| Toluene* | <0.050 | 0.050 | 09/25/2024 | ND | 2.16 | 108 | 2.00 | 5.53 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/25/2024 | ND | 2.25 | 112 | 2.00 | 8.05 | |
| Total Xylenes* | <0.150 | 0.150 | 09/25/2024 | ND | 6.73 | 112 | 6.00 | 8.50 | |
| Total BTEX | <0.300 | 0.300 | 09/25/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 5 @ 0-1' (H245796-05)

| 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 | 09/25/2024 | ND | 2.19 | 110 | 2.00 | 1.02 | | |
| Toluene* | <0.050 | 0.050 | 09/25/2024 | ND | 2.16 | 108 | 2.00 | 5.53 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/25/2024 | ND | 2.25 | 112 | 2.00 | 8.05 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/25/2024 | ND | 6.73 | 112 | 6.00 | 8.50 | | |
| Total BTEX | <0.300 | 0.300 | 09/25/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16000 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | 158 | 10.0 | 09/24/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | 65.4 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 5 @ 1-2' (H245796-06)

| BTX 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6260 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 5 @ 2-3' (H245796-07)

| 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTEX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6260 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 5 @ 3-4' (H245796-08)

| BTX 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 7060 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 6 @ 0-1' (H245796-09)

| BTX 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| 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 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 6 @ 1-2' (H245796-10)

| BTX 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/25/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/25/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/25/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 7 @ 0-1' (H245796-12)

| BTX 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5860 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/25/2024 | ND | 229 | 115 | 200 | 3.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/25/2024 | ND | 226 | 113 | 200 | 4.69 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/25/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 7 @ 1-2' (H245796-13)

| 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTEX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6400 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 218 | 109 | 200 | 1.19 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 229 | 115 | 200 | 1.81 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 7 @ 2-3' (H245796-14)

| 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTEX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2560 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 218 | 109 | 200 | 1.19 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 229 | 115 | 200 | 1.81 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 8 @ 0-1' (H245796-15)

| 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTEX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 640 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| 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 | 09/24/2024 | ND | 218 | 109 | 200 | 1.19 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 229 | 115 | 200 | 1.81 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 8 @ 1-2' (H245796-16)

| BTX 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4880 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 3.92 | QM-07 | |

| 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 | 09/24/2024 | ND | 218 | 109 | 200 | 1.19 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 229 | 115 | 200 | 1.81 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|---------------|
| Received: | 09/24/2024 | Sampling Date: | 09/24/2024 |
| Reported: | 09/25/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Alyssa Parras |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH 8 @ 2-3' (H245796-17)

| BTX 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 | 09/24/2024 | ND | 2.11 | 106 | 2.00 | 6.80 | | |
| Toluene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.96 | 98.0 | 2.00 | 8.47 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/24/2024 | ND | 1.94 | 97.0 | 2.00 | 9.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/24/2024 | ND | 5.88 | 98.0 | 6.00 | 8.96 | | |
| Total BTX | <0.300 | 0.300 | 09/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2840 | 16.0 | 09/25/2024 | ND | 416 | 104 | 400 | 3.92 | | |

| 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 | 09/24/2024 | ND | 218 | 109 | 200 | 1.19 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/24/2024 | ND | 229 | 115 | 200 | 1.81 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- 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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | |
|---|--|---|--|-------------------------|--|
| Company Name: <u>Tetra Tech</u> Project Manager: <u>Michelle Poole</u> Address: City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: <u>13937</u> Project Owner: _____ Project Name: <u>Mesa 8 Com #24 Jet Pump</u> Project Location: <u>Lea County</u> Sampler Name: <u>Garth Sander</u> | | BILL TO P.O. #: _____ Company: <u>BTA</u> Attn: <u>Ray Ramos</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ | | ANALYSIS REQUEST | |
| FOR LAB USE ONLY Lab I.D. _____ Sample I.D. _____ Matrix: <input type="checkbox"/> (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preserv: <input type="checkbox"/> ACID/BASE: _____ <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____ SAMPLING | | DATE TIME <u>9:24</u> <u>9:30</u> <u>9:40</u> <u>9:50</u> <u>10:00</u> <u>10:15</u> <u>10:22</u> <u>10:31</u> <u>10:46</u> <u>11:02</u> <u>11:13</u> | | | |
| Relinquished By: <u>Garth Sander</u> Date: <u>9-24-24</u> Time: <u>11:14</u> Received By: <u>Ray Ramos</u> Date: _____ Time: _____ | | REMARKS: Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush Thermometer ID #140 <u>Rush</u> Correction Factor <u>0.1</u> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____ | | | |

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2082

| | | | | | | | | | | | | | | | | |
|--|-------------|------------------------|--------------|-------------|------------|------------------|-----|--------|--------|------------|------------|--------|---------|-------|----------------------|--|
| Company Name: <u>Teatro Tech</u> | | P.O. #: | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | |
| Project Manager: <u>Nicholas Paul</u> | | Company: <u>RTA</u> | | | | | | | | | | | | | | |
| Address: | | Attn: <u>Ray Humes</u> | | | | | | | | | | | | | | |
| City: | | Address: | | | | | | | | | | | | | | |
| State: | | City: | | | | | | | | | | | | | | |
| Zip: | | State: | | | | | | | | | | | | | | |
| Phone #: | | Fax #: | | | | | | | | | | | | | | |
| Project # <u>13933</u> Project Owner: | | City: | | | | | | | | | | | | | | |
| Project Name: <u>Mesa 8 Con #24 Jet Pond</u> | | State: | | | | | | | | | | | | | | |
| Project Location: <u>Lea County</u> | | Zip: | | | | | | | | | | | | | | |
| Sampler Name: <u>Gilbert Sanchez</u> | | Phone #: | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | Fax #: | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | DATE | TIME | | |
| H45790 | AH602-3' | | | | | | | | | | | | 9/24/24 | 11:24 | NO Sample to 9/24/24 | |
| 11 | AH700-1' | | | | | | | | | | | | 9/24/24 | 11:31 | | |
| 12 | AH700-2' | | | | | | | | | | | | 9/24/24 | 11:40 | | |
| 13 | AH700-2-3' | | | | | | | | | | | | 9/24/24 | 11:50 | | |
| 14 | AH800-1' | | | | | | | | | | | | 9/24/24 | 12:07 | | |
| 15 | AH800-1-2' | | | | | | | | | | | | 9/24/24 | 12:20 | | |
| 16 | AH800-2-3' | | | | | | | | | | | | 9/24/24 | 12:35 | | |
| 17 | | | | | | | | | | | | | | | | |

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Relinquished By: Gilbert Sanchez Date: 9-24-24 Received By: APRUCO

Relinquished By: Gilbert Sanchez Date: 9/24/24 Received By: APRUCO

Delivered By: (Circle One) Observed Temp. °C 44°C Sample Condition Cool ☐ Intact ☐ Checked By: (Initials) AP

Sampler - UPS - Bus - Other: Corrected Temp. °C 3.8 Cool ☐ Intact ☐ Turnaround Time: Standard Bacteria (only) ☐ Sample Condition Cool ☐ Intact ☐ Observed Temp. °C 44 Corrected Temp. °C 3.8

Thermometer ID #140 Rush Bacteria (only) ☐ Sample Condition Cool ☐ Intact ☐ Observed Temp. °C 44 Corrected Temp. °C 3.8

Correction Factor 0.010 24 Bacteria (only) ☐ Sample Condition Cool ☐ Intact ☐ Observed Temp. °C 44 Corrected Temp. °C 3.8

REMARKS:

All Results are emailed. Please provide Email address:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabsnm.com



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

October 21, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/15/24 16:44.

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 10/15/2024 | Sampling Date: | 10/15/2024 |
| Reported: | 10/21/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 (212C-MD-03639) | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH - 9 (0-1') (H246292-01)

| BTX 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 | 10/18/2024 | ND | 2.29 | 115 | 2.00 | 2.20 | |
| Toluene* | <0.050 | 0.050 | 10/18/2024 | ND | 2.32 | 116 | 2.00 | 3.25 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/18/2024 | ND | 2.34 | 117 | 2.00 | 4.21 | |
| Total Xylenes* | <0.150 | 0.150 | 10/18/2024 | ND | 6.93 | 115 | 6.00 | 4.09 | |
| Total BTX | <0.300 | 0.300 | 10/18/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| 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 | 10/18/2024 | 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 | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/17/2024 | ND | 204 | 102 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/17/2024 | ND | 192 | 96.2 | 200 | 3.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 10/15/2024 | Sampling Date: | 10/15/2024 |
| Reported: | 10/21/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 (212C-MD-03639) | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH - 10 (6'-7') (H246292-02)

| BTX 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 | 10/18/2024 | ND | 2.29 | 115 | 2.00 | 2.20 | |
| Toluene* | <0.050 | 0.050 | 10/18/2024 | ND | 2.32 | 116 | 2.00 | 3.25 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/18/2024 | ND | 2.34 | 117 | 2.00 | 4.21 | |
| Total Xylenes* | <0.150 | 0.150 | 10/18/2024 | ND | 6.93 | 115 | 6.00 | 4.09 | |
| Total BTX | <0.300 | 0.300 | 10/18/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3200 | 16.0 | 10/18/2024 | 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 | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/17/2024 | ND | 204 | 102 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/17/2024 | ND | 192 | 96.2 | 200 | 3.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 10/15/2024 | Sampling Date: | 10/15/2024 |
| Reported: | 10/21/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 (212C-MD-03639) | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: AH - 10 (7'-8') (H246292-03)

| 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 | 10/18/2024 | ND | 2.29 | 115 | 2.00 | 2.20 | | |
| Toluene* | <0.050 | 0.050 | 10/18/2024 | ND | 2.32 | 116 | 2.00 | 3.25 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/18/2024 | ND | 2.34 | 117 | 2.00 | 4.21 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/18/2024 | ND | 6.93 | 115 | 6.00 | 4.09 | | |
| Total BTEx | <0.300 | 0.300 | 10/18/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1330 | 16.0 | 10/18/2024 | 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 | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/17/2024 | ND | 204 | 102 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/17/2024 | ND | 192 | 96.2 | 200 | 3.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Page 1 of 1

Page 6 of 6

| | | | |
|---|--|--|--|
| Client Name: BTA | | Site Manager: Nicholas Poole | |
| Project Name: Mesa-B #2H Jet Pump | | (512)560-9064 NICHOLAS.POOLE@Tetrattech.com | |
| Project Location: Lea County, NM | | Project #: 212C-MD-03639 | |
| Invoice to: ATTN: Ray Ramos - BTA 13937 | | Sampler Signature: Gustavo Cortez | |
| Receiving Laboratory: Cardinal Labs | | Comments: | |
| LAB # 12412022 (LAB USE ONLY) | | SAMPLE IDENTIFICATION | |
| AH-9 (0-1') | | 10/15/2024 13:30 | |
| AH-10 (6'-7') | | 10/15/2024 13:40 | |
| AH-10 (7'-8') | | 10/15/2024 14:00 | |
| DATE | | TIME | |
| WATER | | SOIL | |
| HCL | | HNO3 | |
| ICE | | # CONTAINERS | |
| FILTERED (Y/N) | | BTEX 8021B BTEX 8260B | |
| 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 | | TCLP Volatiles | |
| TCLP Semi Volatiles | | RCI | |
| GC/MS Vol. 8260B / 624 | | GC/MS Semi. Vol. 8270C/625 | |
| PCB's 8082 / 608 | | NORM | |
| PLM (Asbestos) | | Chloride | |
| Chloride Sulfate TDS | | General Water Chemistry (see attached list) | |
| Anion/Cation Balance | | Hold | |
| LAB USE ONLY | | REMARKS: | |
| Sample Temperature 54.4/48.6 | | RUSH: Same Day 24 hr 48 hr 72 hr | |
| CF-0.66 | | Rush Charges Authorized | |
| #140 | | Special Report Limits or TRRP Report | |
| (Circle) HAND DELIVERED FEDEX UPS Tracking #: | | | |

ORIGINAL COPY



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

October 29, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/24/24 9:05.

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 10/24/2024 | Sampling Date: | 10/24/2024 |
| Reported: | 10/29/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: FS - 1 (4') (H246470-01)

| BTX 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 | 10/24/2024 | ND | 1.88 | 94.2 | 2.00 | 2.13 | | |
| Toluene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.93 | 96.5 | 2.00 | 3.00 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.95 | 97.5 | 2.00 | 3.26 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/24/2024 | ND | 5.80 | 96.6 | 6.00 | 3.16 | | |
| Total BTX | <0.300 | 0.300 | 10/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1440 | 16.0 | 10/24/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| 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 | 10/24/2024 | ND | 214 | 107 | 200 | 2.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/24/2024 | ND | 202 | 101 | 200 | 1.33 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 10/24/2024 | Sampling Date: | 10/24/2024 |
| Reported: | 10/29/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: FS - 2 (4') (H246470-02)

| 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 | 10/24/2024 | ND | 1.88 | 94.2 | 2.00 | 2.13 | | |
| Toluene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.93 | 96.5 | 2.00 | 3.00 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.95 | 97.5 | 2.00 | 3.26 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/24/2024 | ND | 5.80 | 96.6 | 6.00 | 3.16 | | |
| Total BTEX | <0.300 | 0.300 | 10/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4000 | 16.0 | 10/24/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| 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 | 10/25/2024 | ND | 214 | 107 | 200 | 2.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/25/2024 | ND | 202 | 101 | 200 | 1.33 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/25/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 10/24/2024 | Sampling Date: | 10/24/2024 |
| Reported: | 10/29/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: NSW - 1 (0-4') (H246470-03)

| 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 | 10/24/2024 | ND | 1.88 | 94.2 | 2.00 | 2.13 | | |
| Toluene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.93 | 96.5 | 2.00 | 3.00 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.95 | 97.5 | 2.00 | 3.26 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/24/2024 | ND | 5.80 | 96.6 | 6.00 | 3.16 | | |
| Total BTEX | <0.300 | 0.300 | 10/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3760 | 16.0 | 10/24/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| 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 | 10/25/2024 | ND | 214 | 107 | 200 | 2.27 | |
| DRO >C10-C28* | 11.9 | 10.0 | 10/25/2024 | ND | 202 | 101 | 200 | 1.33 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/25/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 10/24/2024 | Sampling Date: | 10/24/2024 |
| Reported: | 10/29/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: ESW - 1 (0-4') (H246470-04)

| BTX 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 | 10/24/2024 | ND | 1.88 | 94.2 | 2.00 | 2.13 | | |
| Toluene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.93 | 96.5 | 2.00 | 3.00 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.95 | 97.5 | 2.00 | 3.26 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/24/2024 | ND | 5.80 | 96.6 | 6.00 | 3.16 | | |
| Total BTX | <0.300 | 0.300 | 10/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 10/24/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| 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 | 10/25/2024 | ND | 214 | 107 | 200 | 2.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/25/2024 | ND | 202 | 101 | 200 | 1.33 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/25/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 10/24/2024 | Sampling Date: | 10/24/2024 |
| Reported: | 10/29/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: WSW - 1 (0-4') (H246470-05)

| 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 | 10/24/2024 | ND | 1.88 | 94.2 | 2.00 | 2.13 | | |
| Toluene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.93 | 96.5 | 2.00 | 3.00 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.95 | 97.5 | 2.00 | 3.26 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/24/2024 | ND | 5.80 | 96.6 | 6.00 | 3.16 | | |
| Total BTEX | <0.300 | 0.300 | 10/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1960 | 16.0 | 10/24/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| 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 | 10/25/2024 | ND | 214 | 107 | 200 | 2.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/25/2024 | ND | 202 | 101 | 200 | 1.33 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/25/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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

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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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: Tetra Tech | | | | P.O. #: | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | |
|---|----------------|-------------------|--------------|-------------------------|----------------|------|-----|----------|-------------------------|------------|------------|---------|-------|------|---|-------------------|--|--|--|
| Project Manager: Nicholas Poole | | | | Company: BETA | | | | | | | | | | | | | | | |
| Address: | | | | Attn: Ray Harris | | | | | | | | | | | | | | | |
| City: | | | | State: | | | | | | | | | | | | | | | |
| Phone #: | | | | Fax #: | | | | | | | | | | | | | | | |
| Project #: ED-13932 | | | | Project Owner: | | | | | | | | | | | | | | | |
| Project Name: MESA B #221 SOT RING | | | | City: | | | | | | | | | | | | | | | |
| Project Location: Lea County | | | | State: | | | | | | | | | | | | | | | |
| Sample Name: Gilbert Sanchez | | | | Phone #: | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | Fax #: | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | PRESERV. | SAMPLING | | | | | | | | | | |
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | | | | | |
| H24670 | FS-1 (4') | X | | | | X | | | | | | | 10:24 | 7:00 | X | TPH (DRO/DRO/GRO) | | | |
| | FS-2 (4') | X | | | | X | | | | | | | | 7:10 | X | Chloride 4500 | | | |
| | NB-1 (0-4') | X | | | | X | | | | | | | | 7:20 | | | | | |
| | ESU -1 (0-4') | X | | | | X | | | | | | | | 7:30 | | | | | |
| | LWSU -1 (0-4') | X | | | | X | | | | | | | | 7:40 | | BTX | | | |

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| | | | | | |
|---|--|-----------------------|---------------------------------|---|-----------------------|
| Relinquished By: | | Date: 10.24.24 | Received By: | Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: Gilbert Sanchez | | Date: 10.24.24 | Received By: [Signature] | All Results are emailed. Please provide Email address: | |
| REMARKS: | | | | | |

| | | | | | | | |
|---|---|--|---|--|---|---|--|
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Observed Temp. °C Corrected Temp. °C | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | CHECKED BY: (Initials) [Signature] | Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C | Standard Kush <input checked="" type="checkbox"/> | Bacteria (only) Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Sample Condition Observed Temp. °C Corrected Temp. °C |
|---|---|--|---|--|---|---|--|

FORM-000-K-S-3-06/01/24



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

October 29, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/24/24 9:05.

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 10/24/2024 | Sampling Date: | 10/22/2024 |
| Reported: | 10/29/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: TS - 1 (8-9') (H246471-01)

| BTX 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 | 10/24/2024 | ND | 1.88 | 94.2 | 2.00 | 2.13 | | |
| Toluene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.93 | 96.5 | 2.00 | 3.00 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.95 | 97.5 | 2.00 | 3.26 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/24/2024 | ND | 5.80 | 96.6 | 6.00 | 3.16 | | |
| Total BTX | <0.300 | 0.300 | 10/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| 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 | 10/24/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| 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 | 10/25/2024 | ND | 214 | 107 | 200 | 2.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/25/2024 | ND | 202 | 101 | 200 | 1.33 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/25/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 10/24/2024 | Sampling Date: | 10/22/2024 |
| Reported: | 10/29/2024 | Sampling Type: | Soil |
| Project Name: | MESA B COM #2H JET PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | INCIDENT ID 13937 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA - LEA COUNTY, NM | | |

Sample ID: TS - 1 (9-10') (H246471-02)

| BTX 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 | 10/24/2024 | ND | 1.88 | 94.2 | 2.00 | 2.13 | | |
| Toluene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.93 | 96.5 | 2.00 | 3.00 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/24/2024 | ND | 1.95 | 97.5 | 2.00 | 3.26 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/24/2024 | ND | 5.80 | 96.6 | 6.00 | 3.16 | | |
| Total BTX | <0.300 | 0.300 | 10/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| 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 | 10/24/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| 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 | 10/25/2024 | ND | 214 | 107 | 200 | 2.27 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/25/2024 | ND | 202 | 101 | 200 | 1.33 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/25/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

November 05, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/31/24 13:36.

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 accredited through the State of Colorado Department of Public Health and Environment for:

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|------------------|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



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

Analytical Results For:

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

Project: MESA B COM #2H JET PUMP
Project Number: INCIDENT ID 13937
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
05-Nov-24 16:36

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------|---------------|--------|-----------------|-----------------|
| NSW - 1 (4) | H246655-01 | Soil | 31-Oct-24 09:20 | 31-Oct-24 13:36 |
| WSW - 1 (4) | H246655-02 | Soil | 31-Oct-24 10:45 | 31-Oct-24 13:36 |

11/05/24 - Client changed the sample IDs (see COC). This is the revised report and will replace the one sent on 11/01/24.

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B COM #2H JET PUMP
Project Number: INCIDENT ID 13937
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
05-Nov-24 16:36

NSW - 1 (4)
H246655-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 448 | | 16.0 | mg/kg | 4 | 4110147 | HM | 01-Nov-24 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |
| Toluene* | <0.050 | 0.050 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |
| Ethylbenzene* | <0.050 | 0.050 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |

| | | | | | | | | | |
|---------------------------------------|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | 101 % | | 71.5-134 | 4103122 | JH | 01-Nov-24 | 8021B | |
|---------------------------------------|--|-------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4103123 | MS | 01-Nov-24 | 8015B | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 4103123 | MS | 01-Nov-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 4103123 | MS | 01-Nov-24 | 8015B | |

| | | | | | | | | | |
|---------------------------|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | 114 % | | 48.2-134 | 4103123 | MS | 01-Nov-24 | 8015B | |
|---------------------------|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | |
|-------------------------------|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | 118 % | | 49.1-148 | 4103123 | MS | 01-Nov-24 | 8015B | |
|-------------------------------|--|-------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B COM #2H JET PUMP
Project Number: INCIDENT ID 13937
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
05-Nov-24 16:36

WSW - 1 (4)
H246655-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 176 | | 16.0 | mg/kg | 4 | 4110147 | HM | 01-Nov-24 | 4500-Cl-B | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 4103122 | JH | 01-Nov-24 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 112 % | 71.5-134 | | 4103122 | JH | 01-Nov-24 | 8021B | |
|---------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4103123 | MS | 01-Nov-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4103123 | MS | 01-Nov-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4103123 | MS | 01-Nov-24 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 115 % | 48.2-134 | | 4103123 | MS | 01-Nov-24 | 8015B | |
|---------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 120 % | 49.1-148 | | 4103123 | MS | 01-Nov-24 | 8015B | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B COM #2H JET PUMP
Project Number: INCIDENT ID 13937
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
05-Nov-24 16:36

Inorganic Compounds - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-------------------------------------|--------|-----------------|-------|-------------|--------------------------------|------|-------------|------|-----------|-------|
| Batch 4110147 - 1:4 DI Water | | | | | | | | | | |
| Blank (4110147-BLK1) | | | | | | | | | | |
| | | | | | Prepared & Analyzed: 01-Nov-24 | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (4110147-BS1) | | | | | | | | | | |
| | | | | | Prepared & Analyzed: 01-Nov-24 | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
| LCS Dup (4110147-BSD1) | | | | | | | | | | |
| | | | | | Prepared & Analyzed: 01-Nov-24 | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 0.00 | 20 | |

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Analytical Results For:

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

Project: MESA B COM #2H JET PUMP
Project Number: INCIDENT ID 13937
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
05-Nov-24 16:36

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 4103122 - Volatiles**Blank (4103122-BLK1)**

Prepared & Analyzed: 31-Oct-24

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|-----|----------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0573 | | mg/kg | 0.0500 | | 115 | 71.5-134 | | | |

LCS (4103122-BS1)

Prepared & Analyzed: 31-Oct-24

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|--|--|--|
| Benzene | 2.05 | 0.050 | mg/kg | 2.00 | | 103 | 82.8-130 | | | |
| Toluene | 2.07 | 0.050 | mg/kg | 2.00 | | 104 | 86-128 | | | |
| Ethylbenzene | 2.13 | 0.050 | mg/kg | 2.00 | | 107 | 85.9-128 | | | |
| m,p-Xylene | 4.23 | 0.100 | mg/kg | 4.00 | | 106 | 89-129 | | | |
| o-Xylene | 2.12 | 0.050 | mg/kg | 2.00 | | 106 | 86.1-125 | | | |
| Total Xylenes | 6.35 | 0.150 | mg/kg | 6.00 | | 106 | 88.2-128 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0492 | | mg/kg | 0.0500 | | 98.5 | 71.5-134 | | | |

LCS Dup (4103122-BSD1)

Prepared & Analyzed: 31-Oct-24

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|------|------|--|
| Benzene | 1.79 | 0.050 | mg/kg | 2.00 | | 89.6 | 82.8-130 | 13.6 | 15.8 | |
| Toluene | 1.89 | 0.050 | mg/kg | 2.00 | | 94.4 | 86-128 | 9.37 | 15.9 | |
| Ethylbenzene | 1.95 | 0.050 | mg/kg | 2.00 | | 97.5 | 85.9-128 | 8.95 | 16 | |
| m,p-Xylene | 3.89 | 0.100 | mg/kg | 4.00 | | 97.2 | 89-129 | 8.31 | 16.2 | |
| o-Xylene | 1.95 | 0.050 | mg/kg | 2.00 | | 97.5 | 86.1-125 | 8.52 | 16.7 | |
| Total Xylenes | 5.84 | 0.150 | mg/kg | 6.00 | | 97.3 | 88.2-128 | 8.38 | 16.3 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0508 | | mg/kg | 0.0500 | | 102 | 71.5-134 | | | |

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B COM #2H JET PUMP
Project Number: INCIDENT ID 13937
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
05-Nov-24 16:36

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

Batch 4103123 - General Prep - Organics**Blank (4103123-BLK1)**

Prepared: 31-Oct-24 Analyzed: 01-Nov-24

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | |
| Surrogate: 1-Chlorooctane | 55.9 | | mg/kg | 50.0 | | 112 | 48.2-134 | | |
| Surrogate: 1-Chlorooctadecane | 56.2 | | mg/kg | 50.0 | | 112 | 49.1-148 | | |

LCS (4103123-BS1)

Prepared: 31-Oct-24 Analyzed: 01-Nov-24

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|
| GRO C6-C10 | 208 | 10.0 | mg/kg | 200 | | 104 | 81.5-123 | | |
| DRO >C10-C28 | 211 | 10.0 | mg/kg | 200 | | 105 | 77.7-122 | | |
| Total TPH C6-C28 | 418 | 10.0 | mg/kg | 400 | | 105 | 80.9-121 | | |
| Surrogate: 1-Chlorooctane | 63.5 | | mg/kg | 50.0 | | 127 | 48.2-134 | | |
| Surrogate: 1-Chlorooctadecane | 63.0 | | mg/kg | 50.0 | | 126 | 49.1-148 | | |

LCS Dup (4103123-BS1)

Prepared: 31-Oct-24 Analyzed: 01-Nov-24

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|------|------|
| GRO C6-C10 | 201 | 10.0 | mg/kg | 200 | | 100 | 81.5-123 | 3.32 | 13 |
| DRO >C10-C28 | 205 | 10.0 | mg/kg | 200 | | 103 | 77.7-122 | 2.65 | 15.6 |
| Total TPH C6-C28 | 406 | 10.0 | mg/kg | 400 | | 102 | 80.9-121 | 2.98 | 18.5 |
| Surrogate: 1-Chlorooctane | 61.2 | | mg/kg | 50.0 | | 122 | 48.2-134 | | |
| Surrogate: 1-Chlorooctadecane | 61.6 | | mg/kg | 50.0 | | 123 | 49.1-148 | | |

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

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

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 or 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 damage 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.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| BILL TO | | | | ANALYSIS REQUEST | | | |
|--|--|--|--|--------------------------|--|--|--|
| Company Name: <u>Tobias Truck</u> | | | | P.O. #: | | | |
| Project Manager: <u>Richie Noe</u> | | | | Company: <u>BTA</u> | | | |
| Address: | | | | Attn: <u>Ray Navarro</u> | | | |
| City: | | | | Address: | | | |
| State: | | | | City: | | | |
| Zip: | | | | State: | | | |
| Phone #: | | | | Fax #: | | | |
| Project #: <u>PD-13437</u> | | | | Project Owner: | | | |
| Project Name: <u>Wasa B com #24 Jet pump</u> | | | | City: | | | |
| Project Location: <u>San Juan County</u> | | | | State: | | | |
| Sampler Name: <u>Trishie Sanchez</u> | | | | Phone #: | | | |
| FOR LAB USE ONLY | | | | Fax #: | | | |
| Lab I.D. | | | | Sample I.D. | | | |
| 1244055 | | | | * 4 | | | |
| 1 | | | | WCU-1 (C-1) | | | |
| 2 | | | | WCU-1 (C-1) | | | |
| 3 | | | | 4 | | | |
| (G)RAB OR (C)OMP. | | | | # CONTAINERS | | | |
| GROUNDWATER | | | | WASTEWATER | | | |
| SOIL | | | | OIL | | | |
| SLUDGE | | | | OTHER : | | | |
| ACID/BASE: | | | | ICE / COOL | | | |
| OTHER : | | | | DATE | | | |
| TIME | | | | TIME | | | |
| BTEX | | | | TPH (Dro / Gro / Oro) | | | |
| chloride 4500 | | | | | | | |

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 within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Trishie Sanchez Date: 10/31/24 Received By: Sheddequay Time: 1330

Relinquished By: Trishie Sanchez Date: 10/31/24 Received By: Sheddequay Time: 1330

Delivered By: (Circle One) Observed Temp. °C 20.12 Sample Condition Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No

Sampler - UPS - Bus - Other: Corrected Temp. °C 20.72 CHECKED BY: (initials)

Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No

Thermometer ID #140 Correction Factor -0.5°C

REMARKS: * Customer requested ID change to 10-11/5/24

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

FORN-000 R-33 06/03/24

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabsnm.com

APPENDIX E

Regulatory Correspondence

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 393660

QUESTIONS

| | |
|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 393660 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|-------------------|---------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2426245843 |
| Incident Name | NAPP2426245843 MESA B 2H JET PUMP @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |
| Incident Facility | [fAPP2129922900] Mesa B 2H |

| | |
|----------------------------|--------------------|
| Location of Release Source | |
| Site Name | Mesa B 2H Jet Pump |
| Date Release Discovered | 09/16/2024 |
| Surface Owner | Private |

| | |
|---|--|
| Sampling Event General Information | |
| Please answer all the questions in this group. | |
| What is the sampling surface area in square feet | 412 |
| What is the estimated number of samples that will be gathered | 5 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 10/23/2024 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | please call or email Nicholas Poole; (512)560-9064 Nicholas.Poole@tetrattech.com |
| Please provide any information necessary for navigation to sampling site | FROM THE INTERSECTION OF PIPELINE RD AND ORLA RD, TRAVEL EAST ON UNNAMED LEASE ROAD FOR APPROXIMATELY 3.53 MILES. TURN RIGHT AND CONTINUE SOUTH ON UNNAMED LEASE ROAD FOR APPROXIMATELY 1.16 MILES. TURN LEFT AND CONTINUE EAST FOR APPROXIMATELY 3775 FT TO ARRIVE AT THE MESA B #2H LEASE PAD. CONTINUE NORTHEAST ONTO LEASE PAD APPROXIMATELY 300 FT TO ARRIVE AT GPS 32.051209, -103.605909. |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 393660

CONDITIONS

| | |
|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 393660 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|----------------|---|----------------|
| nicholas poole | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 10/18/2024 |

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 397411

QUESTIONS

| | |
|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 397411 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| Prerequisites | |
|-------------------|---------------------------------------|
| Incident ID (n#) | nAPP2426245843 |
| Incident Name | NAPP2426245843 MESA B 2H JET PUMP @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |
| Incident Facility | [fAPP2129922900] Mesa B 2H |

| Location of Release Source | |
|----------------------------|--------------------|
| Site Name | Mesa B 2H Jet Pump |
| Date Release Discovered | 09/16/2024 |
| Surface Owner | Private |

| Sampling Event General Information | |
|---|---|
| Please answer all the questions in this group. | |
| What is the sampling surface area in square feet | 412 |
| What is the estimated number of samples that will be gathered | 2 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 11/01/2024 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | please call or email Nicholas Poole; (512)5609064 Nicholas.Poole@tetrattech.com |
| Please provide any information necessary for navigation to sampling site | FROM THE INTERSECTION OF PIPELINE RD AND ORLA RD, TRAVEL EAST ON UNNAMED LEASE ROAD FOR APPROXIMATELY 3.53 MILES. TURN RIGHT AND CONTINUE SOUTH ON UNNAMED LEASE ROAD FOR APPROXIMATELY 1.16 MILES. TURN LEFT AND CONTINUE EAST FOR APPROXIMATELY 3775 FT TO ARRIVE AT THE MESA B #2H LEASE PAD. CONTINUE NORTHEAST ONTO LEASE PAD APPROXIMATELY 300 FT TO ARRIVE AT GPS 32.051209, 103.605909. |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 397411

CONDITIONS

| | |
|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 397411 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|----------------|---|----------------|
| nicholas poole | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 10/30/2024 |

APPENDIX F

Waste Manifests



OWL Landfill Services, LLC

DDA: Northern Delaware Basin Landfill

3889 Maple Ave. Suite 300

Dallas, TX 75219

505.231.1212

ar@ndblandfill.com

COMPANY MAN:

Ray Ramos

SIGNATURE:

COMPANY MAN EMAIL:

COMPANY MAN PHONE:

MANIFEST #

0362985

COMPANY NAME:

BTA

DATE:

10-11-24

LEASE:

Mesa

PHONE:

AFE #:

API: N30-025-92125

RIG NAME:

WELL #: B #2H-JJ

QUANTITY:

☐ BBLs☐ YARDS

STATE & COUNTY ORIGIN: Lea Co NM

20

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ Other:

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, in unimixed. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided):

☐ SDS information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name

Ray Ramos

Date 10-11-24

Signature

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME:

Standard S&S

YARD #:

WHP #:

TRUCK #: 03

ADDRESS:

TICKET #: 069351

ROLL OFF BIN#:

TRAILER #:

DATE

TIME

RECEIVED:

10/11/24

RECEIVED: 9:20

☒ AM☐ PM

DISPATCHER

NAME:

DISPATCHER

PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER:

Jorge Guzman

DRIVER'S SIGNATURE:

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10/11/24

TIME IN: 10:26

☒ AM / PM

TIME OUT:

AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY:

WASHOUT:

TIME IN:

TIME OUT:

ACCEPTANCE TESTING:

PAINT FILTER:

PASS

FAIL

N/A

TCLP:

PASS

FAIL

N/A

TOX:

PASS

FAIL

N/A

NORM

TESTING:

P

(Less than 50

MCR)

Shake Out:

1

2

3

H₂O

S

Gallon Test:

SERVICE NOTES:

This is to certify that:

Employee (Printed Name):

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE:

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility



OWL Landfill Services, LLC
 EEA, Northern Delaware Basin Landfill
 3889 Maple Ave. Suite 300
 Dallas, TX 75219
 505.231.1212
 ar@ndblandfill.com

COMPANY MAN: Ry Ramos
 (Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: 432-319-1288

MANIFEST #
0362984

COMPANY NAME: BTA
 LEASE: Mesa B2H Jet Pump
 AFE #: _____ API: 130-025-42125
 RIG NAME: _____ WELL #: B 2H
 STATE & COUNTY ORIGIN: Lea Co. NM

DATE: 10-11-20

PHONE: _____

QUANTITY: _____ ☐ BBLS
20 ☐ YARDS

Part 1 - Generator

| Waste Description (check only one box) | | <input type="checkbox"/> RCRA Exempt | <input type="checkbox"/> RCRA Non-Exempt |
|---|---|---|--|
| <input type="checkbox"/> Water Based Cuttings (DRY) | <input type="checkbox"/> Water Based Cuttings (WET) | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Produced Sands |
| <input type="checkbox"/> Oil Based Cuttings (DRY) | <input type="checkbox"/> Oil Based Cuttings (WET) | <input type="checkbox"/> Injectable Fluids | <input type="checkbox"/> Non-Injectable Fluids |
| <input type="checkbox"/> Oil Base Mud | <input type="checkbox"/> Water Base Mud | <input type="checkbox"/> Muds w/ Cement | <input type="checkbox"/> Tank Bottoms |
| <input type="checkbox"/> Rig Trash | <input type="checkbox"/> Pit Liners | Authorize Washout? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| <input type="checkbox"/> Other: _____ | | | |

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the U.S. Environmental Protection Agency's July 1980 regulatory determination, the above described waste has been checked the appropriate classification.

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per lot basis only).

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21, 261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order documentation of non hazardous waste determination and a description of that waste must accompany this form)

Print/Authorized Agent's Name: Ry Ramos

Date: 10/11/24

Signature: _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S&S YARD #: _____ WHP #: _____ TRUCK #: _____
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN #: _____ TRAILER #: _____
 DATE RECEIVED: _____ TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: N. & Sons [Signature]

DRIVER'S SIGNATURE: [Signature]

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): _____ DATE: 10/11/24 TIME IN: 1019 ☒ AM ☐ PM
☐ Northern Delaware Basin Landfill TIME OUT: _____ AM / PM
 2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
 TCLP: PASS FAIL N/A
 TOX: PASS FAIL N/A

NORM
 TESTING:

| Shake Out: | | |
|------------|---|---|
| 1 | 2 | 3 |
| | | |
| | | |

276555

Gallon Test: _____

SERVICE NOTES: This is to certify that: Jayden
 Employee (Printed Name)

EMPLOYEE SIGNATURE: [Signature]

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 2 - Transporter

Part 3 - Disposal Facility



OWL Landfill Services, LLC

DDA: Northern Delaware Basin Landfill

3889 Maple Ave. Suite 300

Dallas, TX 75219

505.231.1212

ar@ndblandfill.com

COMPANY MAN:

Ray Ramos

SIGNATURE:

COMPANY MAN EMAIL:

COMPANY MAN PHONE:

MANIFEST #

0362985

COMPANY NAME:

BTA

DATE:

10-11-24

LEASE:

Mesa

PHONE:

AFE #:

API: N30-025-92125

RIG NAME:

WELL #: B #2H-JJ

QUANTITY:

☐ BBLs☐ YARDS

STATE & COUNTY ORIGIN: Lea Co NM

Waste Description (check only one box)

☐

RCRA Exempt

☐

RCRA Non-Exempt

☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ Other:

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste-hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, in unimixed. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided):

☐ SDS information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name

Ray Ramos

Date

10-11-24

Signature

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME:

Standard S&S

YARD #:

WHP #:

TRUCK #: 03

ADDRESS:

TICKET #: 069351

ROLL OFF BIN#:

TRAILER #:

DATE

10/11/24

TIME

RECEIVED: 9:20

☒ AM☐ PM

DISPATCHER

NAME:

DISPATCHER

PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER:

Jorge Guzman

DRIVER'S SIGNATURE:

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10/11/24

TIME IN: 10:26

☒ AM / PM

TIME OUT: _____

☐ AM / PM☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY:

WASHOUT:

TIME IN:

TIME OUT:

ACCEPTANCE TESTING:

PAINT FILTER:

PASS

FAIL

N/A

TCLP:

PASS

FAIL

N/A

TOX:

PASS

FAIL

N/A

NORM

TESTING:

P

(Less than 50

MCR)

Shake Out:

1

2

3

H₂O

S

Gallon Test: _____

SERVICE NOTES:

This is to certify that:

Employee (Printed Name):

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE:

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility


OWL Landfill Services, LLC

1294 Northern Delaware Basin Landfill

3889 Maple Ave. Suite 300

Dallas, TX 75219

505.231.1212

ar@ndblandfill.com

COMPANY MAN:

AUTHORIZED AGENT (Printed Name and Title):

 SIGNATURE: *Ray Ram*

COMPANY MAN EMAIL:

COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0362987

 COMPANY NAME: *BTA*

 DATE: *10-11-24*

 LEASE: *Mesa*

PHONE:

 AFE #: API: *N30-025-42125*

QUANTITY:

☐ BBLs

 RIG NAME: WELL #: *B2H*
20
☒ YARDS

 STATE & COUNTY ORIGIN: *Lea Co NM*

Waste Description (check only one box)

☐ RCRA Exempt

☐ RCRA Non-Exempt

☐ Water Based Cuttings (DRY)

☐ Water Based Cuttings (WET)

☒ Contaminated Soil

☐ Produced Sands

☐ Oil Based Cuttings (DRY)

☐ Oil Based Cuttings (WET)

☐ Injectable Fluids

☐ Non-Injectable Fluids

☐ Oil Base Mud

☐ Water Base Mud

☐ Muds w/ Cement

☐ Tank Bottoms

☐ Rig Trash

☐ Pit Liners

Authorize Washout?

☐ Yes

☒ No

☐ Other:

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1998 regulatory determination, the above described waste has been classified as (Check the appropriate classification)

☐ RCRA EXEMPT

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.21.1, as listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached (Check the appropriate items as provided)

☐ SDS Information

☐ RCRA Hazardous Waste Analysis

☐ Process Knowledge

☐ Other (Provide Description Below)

☐ EMERGENCY NON-DAIRY IT/D

Emergency non-hazardous non-oilfield waste that has been ordered by the Department of Public Safety (the order documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print Authorized Agent's Name)

Ray Ram

Date:

Signature:

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

 COMPANY NAME: *Standard SFS*

YARD #:

WHP #:

TRUCK #:

ADDRESS:

TICKET #:

ROLL OFF BIN #:

TRAILER #:

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED:

RECEIVED:

☐ PM

NAME:

PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER:

Jorge Guzman

DRIVER'S SIGNATURE:

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

 DATE: *10/11/24*

 TIME IN: *12:55*

 AM ☒ PM

TIME OUT:

AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY:

WASHOUT:

TIME IN:

TIME OUT:

ACCEPTANCE TESTING: PAINT FILTER:

PASS

FAIL

N/A

NORM

TCLP:

PASS

FAIL

N/A

TESTING:

TOX:

PASS

FAIL

N/A

(Less than 50 MCR)

 H₂O

| Shake Out: | | |
|------------|---|---|
| 1 | 2 | 3 |
| | | |
| | | |

Gallon Test:

SERVICE NOTES:

This is to certify that:

Employee (Printed Name):

Alan B.

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner or a permitted site.

EMPLOYEE SIGNATURE:

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator



OWL Landfill Services, LLC

1354 Northern Delaware Basin Landfill

3889 Maple Ave. Suite 300

Dallas, TX 75219

505.231.1212

ar@ndblandfill.com

COMPANY MAN: Ray Ramon

(Authorized Agent's Printed Name and Title)

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE 432-318-1288

MANIFEST #

0362988

COMPANY NAME: BTADATE: 10-11-24LEASE: Mesa

PHONE: _____

AFE #: _____

API: 130-025-42125

RIG NAME: _____

WELL #: B 2HSTATE & COUNTY ORIGIN: Lea Co. NM

QUANTITY: _____

☐ BBLs20☒ YARDS

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/ Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ Other: _____

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1998 regulatory determination, the above described waste load is (check the appropriate classification):

☐ RCRA EXEMPT

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDELL Accepts certification on a per load basis only)

☐ RCRA NON-EXEMPT

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached: (Check the appropriate items as provided)

☐ SDS Information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order documentation of non-hazardous waste determination and a description of that waste must accompany this form)

Print Authorized Agent's Name

R. Ramon

Date

10-11-24

Signature

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S & S

YARD #: _____

WHP #: _____

TRUCK #: _____

ADDRESS: _____

TICKET #: _____

ROLL OFF BIN #: _____

TRAILER #: _____

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: _____

RECEIVED: _____

☐ PM

NAME: _____

PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Quimel CorbetoDRIVER'S SIGNATURE: [Signature]

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10/11/24TIME IN: 2:40AM ☒ PM

TIME OUT: _____

AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____

WASHOUT: _____

TIME IN: _____

TIME OUT: _____

ACCEPTANCE TESTING:

PAINT FILTER:

PASS FAIL N/A

TCLP:

PASS FAIL N/A

TOX:

PASS FAIL N/ANORM
TESTING:(Less than 50
MCR)H₂O
S

| Shake Out: | | |
|------------|---|---|
| 1 | 2 | 3 |
| | | |
| | | |

276623

Gallon Test: _____

SERVICE NOTES:

This is to certify that:

Employee (Printed Name):

[Signature]

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: _____

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility


OWL Landfill Services, LLC

DSA Northern Delaware Basin Landfill

3889 Maple Ave. Suite 300

Dallas, TX 75219

505.231.1212

ar@ndblandfill.com

COMPANY MAN

Ray Ramos

(As Licensed Agents Printed Name and Title)

SIGNATURE

COMPANY MAN EMAIL

COMPANY MAN PHONE: 432-318-1288

MANIFEST #

0362989

 COMPANY NAME: BTA

 DATE: 10-11-24

 LEASE: Mesa

PHONE:

 AFE #: API: 130-025-42125

 QUANTITY: ☐ BBLs

 RIG NAME: WELL #: B 2H
20
☒ YARDS

 STATE & COUNTY ORIGIN: Lca Co. NM

Waste Description (check only one box)

☐ RCRA Exempt

☐ RCRA Non-Exempt

☐ Water Based Cuttings (DRY)

☐ Water Based Cuttings (WET)

☒ Contaminated Soil

☐ Produced Sands

☐ Oil Based Cuttings (DRY)

☐ Oil Based Cuttings (WET)

☐ Injectable Fluids

☐ Non Injectable Fluids

☐ Oil Base Mud

☐ Water Base Mud

☐ Muds w/Cement

☐ Tank Bottoms

☐ Rig Trash

☐ Pit Liners

Authorize Washout?

☐ Yes

☒ No

☐ Other:

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1983 regulatory determination, the above described waste load is (check the appropriate classification):

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON EXEMPT:

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information

☐ RCRA Hazardous Waste Analysis

☐ Process Knowledge

☐ Other (Provide Description Below)

☐ EMERGENCY NON-DETERMINED:

emergency non-hazardous, non-oilfield waste that has been ordered by the US Department of Health Safety and Environment for emergency waste determination and a description of that waste must accompany this form

(Print) Authorized Agent's Name

Ray Ramos

Date

10-11-24

Signature

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

 COMPANY NAME: Standard S&S

 YARD #: 20

WHP #:

 TRUCK #: 03

ADDRESS:

TICKET #:

ROLL OFF BIN#:

TRAILER #:

DATE

 RECEIVED: 10-11-24

TIME

 RECEIVED: 3:15
☐ AM

☒ PM

DISPATCHER

NAME:

DISPATCHER

PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER:

Jorge Guzman

(Driver's Name-Printed)

DRIVER'S SIGNATURE:

[Signature]

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

 DATE: 10/11/24

 TIME IN: 4:14

 AM ☒ PM

TIME OUT:

AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY:

WASHOUT:

TIME IN:

TIME OUT:

ACCEPTANCE TESTING:

PAINT FILTER:

PASS

FAIL

N/A

TCLP:

PASS

FAIL

N/A

TOX:

PASS

FAIL

N/A

NORM

TESTING:

Less than 50

MCR

Shake Out:

1

2

3

 H₂O

S

276645

Gallon Test:

SERVICE NOTES:

This is to certify that:

Employee (Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE:

[Signature]

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility


OWL Landfill Services, LLC
(NDA, Northern Delaware Basin Landfill)

 3889 Maple Ave. Suite 300
 Dallas, TX 75219
 505.231.1212
 ar@ndblandfill.com
COMPANY MAN: Ray Ramos
(Authorized Agent's Printed Name and Title)

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE: 432-318-1288

MANIFEST #

0362992

COMPANY NAME: BTADATE: 10/22/24LEASE: Mesa

PHONE: _____

AFE #: _____

API: 130-025-42125

QUANTITY: _____

☐ BBLs

RIG NAME: _____

WELL #: B 2H20☒ YARDSSTATE & COUNTY ORIGIN: Lea Co NM

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/ Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ Other: _____

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July, 1988 regulatory determination, the above described waste is not hazardous. (Check the appropriate classification.)

☐ RCRA EXEMPT

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDEIL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: Ray RamosDate: 10/11/24

Signature: _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
COMPANY NAME: Standard STS

YARD #: _____

WHP #: _____

TRUCK #: 04ADDRESS: Two Nations

TICKET #: _____

ROLL OFF BIN #: _____

TRAILER #: 04

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED:

RECEIVED:

☐ PM

NAME:

PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Librado Escarcega

DRIVER'S SIGNATURE: _____

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10-12-24TIME IN: 10:22 AM/PM

TIME OUT: _____ AM/PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____

WASHOUT:

TIME IN: _____

TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/ATCLP: PASS FAIL N/ATOX: PASS FAIL N/ANORM TESTING: P
(Less than 50 MCR)

| Shake Out: | | |
|------------|---|---|
| 1 | 2 | 3 |
| N/A | | |

H₂O276807

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____

(Employee's Printed Name)

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: Ray Ramos

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility


OWL Landfill Services, LLC

DBL: Northern Delaware Basin Landfill

3889 Maple Ave. Suite 300

Dallas, TX 75219

505.231.1212

ar@ndblandfill.com

COMPANY MAN: Ray Ramos

Authorized Agent's Printed Name and Title

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE: 432-318-1288

MANIFEST #

0362991

COMPANY NAME: BTADATE: 10-12-24LEASE: Mesa

PHONE: _____

AFE #: _____

API: 130-025-42125

QUANTITY: _____

☐ BBLs

RIG NAME: _____

WELL #: B 2H20☒ YARDSSTATE & COUNTY ORIGIN: Lea Co. NM

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/ Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ Other: _____

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts Certifications on a per load basis only.

☐ RCRA NON-EXEMPT:

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21, 261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

Print Authorized Agent's Name

Date 10-12-24 Signature _____
TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
COMPANY NAME: Standard 5+5

YARD #: _____

WHP #: _____

TRUCK #: 03

ADDRESS: _____

TICKET #: _____

ROLL OFF BIN#: _____

TRAILER #: _____

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: _____

RECEIVED: _____

☐ PM

NAME: _____

PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Jesus Franco

DRIVER'S SIGNATURE: _____

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10/12/24TIME IN: 10:22 ☒ AM ☐ PM

TIME OUT: _____ AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____

WASHOUT: _____

TIME IN: _____

TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: ☒ PASS ☐ FAIL ☐ N/ATCLP: ☒ PASS ☐ FAIL ☐ N/ATOX: ☒ PASS ☐ FAIL ☐ N/A

NORM

TESTING: ☒

(Less than 50

MCR)

H₂O

| Shake Out: | | |
|------------|---|---|
| 1 | 2 | 3 |
| | | |
| | | |

276808

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____

Employee (Printed Name)

EMPLOYEE SIGNATURE: _____

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator


OWL Landfill Services, LLC

DBA: Northern Delaware Basin Landfill

3889 Maple Ave. Suite 300

Dallas, TX 75219

505.231.1212

ar@ndblandfill.com

COMPANY MAN: Ray Harris

(Authorized Agent's Printed Name and Title)

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE: 932-318-1288

MANIFEST #

0362993

COMPANY NAME: BTADATE: 10-12-24LEASE: Mesa

PHONE: _____

AFE #: _____ API: 130-025-42125QUANTITY: _____ ☐ BBLsRIG NAME: _____ WELL #: B 21120 ☒ YARDSSTATE & COUNTY ORIGIN: Lea Co NM

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/ Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ Other: _____

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1984 regulatory determination, the above described waste load is (Check the appropriate qualification):

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OIL FIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print Authorized Agent's Name)

Ry Harris

Date

10/12/24

Signature

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
COMPANY NAME: Standard S+S

YARD #: _____

WHP #: _____

TRUCK #: 01

ADDRESS: _____

TICKET #: _____

ROLL OFF BIN #: _____

TRAILER #: _____

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: _____

RECEIVED: _____

☐ PM

NAME: _____

PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Salvador Palma

DRIVER'S SIGNATURE: _____

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10-12-24

TIME IN: _____

10:41

AM / PM

TIME OUT: _____

AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____

WASHOUT: _____

TIME IN: _____

TIME OUT: _____

ACCEPTANCE TESTING:

PAINT FILTER:

PASS

FAIL

N/A

TCLP:

PASS

FAIL

N/A

TOX:

PASS

FAIL

N/A

NORM

TESTING:

P

(Less than 50

MCR)

Shake Out:

1

2

3

N/AH₂O

S

276814

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____

Employee (Printed Name)

EMPLOYEE SIGNATURE: Ajima

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility


OWL Landfill Services, LLC

DSH Northern Delaware Basin Landfill

3889 Maple Ave. Suite 300

Dallas, TX 75219

505.231.1212

ar@ndblandfill.com

COMPANY MAN:

Ray Ramos

SIGNATURE:

COMPANY MAN EMAIL:

COMPANY MAN PHONE: 432-318-1288

MANIFEST #

0362994

COMPANY NAME: BTA

LEASE: Mesa

AFE #:

API: 130-025-42125

RIG NAME:

WELL #: B 2H

STATE & COUNTY ORIGIN: Lea Co. NM

DATE:

PHONE:

QUANTITY:

☐ BBLS

☒ YARDS

20

Waste Description (check only one box)

☐ RCRA Exempt

☐ RCRA Non-Exempt

☐ Water Based Cuttings (DRY)

☐ Water Based Cuttings (WET)

☒ Contaminated Soil

☐ Produced Sands

☐ Oil Based Cuttings (DRY)

☐ Oil Based Cuttings (WET)

☐ Injectable Fluids

☐ Non-Injectable Fluids

☐ Oil Base Mud

☐ Water Base Mud

☐ Muds w/ Cement

☐ Tank Bottoms

☐ Rig Trash

☐ Pit Liners

Authorize Washout?

☐ Yes

☒ No

☐ Other:

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 2008 regulatory determination, the above described waste is: (Check the appropriate classification)

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Ascepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT:

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21, 261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information

☐ RCRA Hazardous Waste Analysis

☐ Process Knowledge

☐ Other (Provide Description Below)

☐ EMERGENCY NON-OIL FIELD:

Emergency non-hazardous, non-oil field waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name

Ray Ramos

Date 10/12/24

Signature

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S+5

YARD #:

WHP #:

TRUCK #: 02

ADDRESS: Two Nations

TICKET #:

ROLL OFF BIN #:

TRAILER #: 02

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED:

RECEIVED:

☐ PM

NAME:

PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER:

Edgar Ribata

DRIVER'S SIGNATURE:

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10/12/24

TIME IN: 10:45 AM / PM

TIME OUT: AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY:

WASHOUT:

TIME IN:

TIME OUT:

ACCEPTANCE TESTING: PAINT FILTER:

PASS

FAIL

N/A

NORM

TCLP:

PASS

FAIL

N/A

TOX:

PASS

FAIL

N/A

TESTING:

(Less than 50

MCR)

 H₂O

S

Shake Out:

1

2

3

276805

Gallon Test:

SERVICE NOTES:

This is to certify that:

Employee (Printed Name)

has received the above indicated waste; waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE:

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility


OWL Landfill Services, LLC

O&A Northern Delaware Basin Landfill

 3889 Maple Ave. Suite 300
 Dallas, TX 75219
 505.231.1212
 ar@ndblandfill.com

COMPANY MAN:

Ray Ramos

SIGNATURE:

COMPANY MAN EMAIL:

COMPANY MAN PHONE:

432-318-1288

MANIFEST #

0362995

COMPANY NAME:

BTA

DATE: 10-12-24

LEASE:

Mesa

PHONE:

AFE #:

API: 130-025-4212

RIG NAME:

WELL #: B-2H

QUANTITY:

20

☐ BBL'S

☒ YARDS

STATE & COUNTY ORIGIN: Lea Co. NM

Waste Description (check only one box)

☐ RCRA Exempt

☐ RCRA Non-Exempt

☐ Water Based Cuttings (DRY)

☐ Water Based Cuttings (WET)

☒ Contaminated Soil

☐ Produced Sands

☐ Oil Based Cuttings (DRY)

☐ Oil Based Cuttings (WET)

☐ Injectable Fluids

☐ Non Injectable Fluids

☐ Oil Base Mud

☐ Water Base Mud

☐ Muds w/ Cement

☐ Tank Bottoms

☐ Rig Trash

☐ Pit Liners

Authorize Washout?

☐ Yes

☒ No

☐ Other:

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is not a RCRA hazardous waste. (Check the appropriate classification)

☐ RCRA EXEMPT:

Oilfield waste generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (NOI) Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT:

Oilfield waste which is non-hazardous that does not exceed the maximum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste is non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information

☐ RCRA Hazardous Waste Analysis

☐ Process Knowledge

☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous non-oilfield waste that has been ordered by the Department of Public Safety and order documentation of non-hazardous waste determination and a description of that waste must accompany this form.

(Print) Authorized Agent's Name:

Ray Ramos

Date: 10-12-24

Signature:

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME:

Standard S+S

YARD #:

WHP #:

TRUCK #: 03

ADDRESS:

TICKET #:

ROLL OFF BIN #:

TRAILER #:

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED:

RECEIVED:

☐ PM

NAME:

PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER:

Jorge Guzman

DRIVER'S SIGNATURE:

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10-12-24

TIME IN:

11:07 AM

TIME OUT:

PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY:

WASHOUT:

TIME IN:

TIME OUT:

ACCEPTANCE TESTING:

PAINT FILTER:

PASS

FAIL

N/A

TCLP:

PASS

FAIL

N/A

TOX:

PASS

FAIL

N/A

NORM

TESTING:

P

(Less than 50 MCR)

Shake Out:

1

2

3

 H₂O

N/A

S

276827

Gallon Test:

SERVICE NOTES:

This is to certify that:

Employee (Printed Name):

Ray Ramos

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE:

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility


OWL Landfill Services, LLC

DBA: Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Ray Rames

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE: 432-318-1288

MANIFEST #

0362996

COMPANY NAME: BTADATE: 10-12-24LEASE: Mesa

PHONE: _____

AFE #: _____

API: N30-025-42125

RIG NAME: _____

WELL # B 2H

STATE & COUNTY ORIGIN: _____

Lea

QUANTITY: _____

☐ BBLS☒ YARDS20

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Mud w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ Other: _____

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the U.S. Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oilfield waste which is non-hazardous (that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21, 261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended). The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided):

☐ SDS information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OIL FIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order/documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: Ray RamesDate: 10-12-24 Signature: _____
TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
COMPANY NAME: Standard S&S

YARD #: _____

WHP #: _____

TRUCK #: 03

ADDRESS: _____

TICKET #: _____

ROLL OFF BIN #: _____

TRAILER #: _____

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: _____

RECEIVED: _____

☐ PM

NAME: _____

PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Jorge GuzmanDRIVER'S SIGNATURE: [Signature]

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10-12-24TIME IN: 1:55AM / PM PM

TIME OUT: _____

AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____

WASHOUT: _____

TIME IN: _____

TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER PASS FAIL N/ATCLP: PASS FAIL N/ATOX: PASS FAIL N/A

NORM

TESTING: P

(Less than 50

MCRI)

Shake Out:

1 2 3

H₂ON/A276862

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____

Employee (Printed Name): Ray Rames

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: _____

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility

**OWL Landfill Services, LLC**

DRA-Northern Delaware Basin Landfill

3889 Maple Ave. Suite 300

Dallas, TX 75219

505.231.1212

ar@ndblandfill.com

COMPANY MAN: Ray Panoz

(Authorized Agent's Printed Name and Title)

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE: 432-318-1284

MANIFEST #

0362997

COMPANY NAME: BTBDATE: 10-12-24LEASE: Mesa

PHONE: _____

AFE #: _____ API: A30-025-42125

QUANTITY: _____

☐ BBLSRIG NAME: _____ WELL #: B-2H20☒ YARDS

STATE & COUNTY ORIGIN: _____

Waste Description (check only one box)

☐ RCRA Exempt☐ RCRA Non-Exempt☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/ Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ Other: _____

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1985 regulatory determination, the above described waste is (Check the appropriate classification):

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only.

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield waste that has been approved by the Department of Public Safety. The order, documentation of non-hazardous waste determination, and a description of that waste must accompany this form.

(Print) Authorized Agent's Name: Ray Panoz

Date: _____

Signature: _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENTCOMPANY NAME: Standard S+S

YARD #: _____

WHP #: _____

TRUCK #: 03

ADDRESS: _____

TICKET #: _____

ROLL OFF BIN #: _____

TRAILER #: _____

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: _____

RECEIVED: _____

☐ PM

NAME: _____

PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Lorge GormanDRIVER'S SIGNATURE: [Signature]

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

DATE: 10/12/24TIME IN: 4:55AM / ☒ PM

TIME OUT: _____

AM / PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____

WASHOUT: _____

TIME IN: _____

TIME OUT: _____

ACCEPTANCE TESTING:

PAINT FILTER:

PASS

FAIL

N/A

TCLP:

PASS

FAIL

N/A

TOX:

PASS

FAIL

N/A

NORM

TESTING:

Less than 50

(MCR)

Shake Out:

1 2 3

H₂O

5

276908

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____

Employee (Printed Name): [Signature]

EMPLOYEE SIGNATURE: _____

has received the above indicated waste, waste has passed all acceptance testing at this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

**OWL Landfill Services, LLC**

DBA: Northern Delaware Basin Landfill

8201 Preston Rd., Suite 520

Dallas, TX 75225

214.292.2011

ar@ndblandfill.com

COMPANY MAN:

Ray Ramos
(Authorized Agent's Printed Name and Title)

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE: (432) 313-1288**MANIFEST #****0297781**COMPANY NAME: BTALEASE: Mesa B8115JV P ComAFE #: 13937API: A30-025-42125

RIG NAME: _____

WELL #: B-2H JetlagSTATE & COUNTY ORIGIN: Lea Co. NMDATE: 10-23-24

PHONE: _____

QUANTITY: _____

☐ BBLS☒ YARDS20

Waste Description (check only one box)

☐

RCRA Exempt

☐

RCRA Non-Exempt

☐ Water Based Cuttings (DRY)☐ Water Based Cuttings (WET)☒ Contaminated Soil☐ Produced Sands☐ Oil Based Cuttings (DRY)☐ Oil Based Cuttings (WET)☐ Injectable Fluids☐ Non-Injectable Fluids☐ Oil Base Mud☐ Water Base Mud☐ Muds w/Cement☐ Tank Bottoms☐ Rig Trash☐ Pit Liners

Authorize Washout?

☐ Yes☒ No☐ Other: _____

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT:

Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste INDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information☐ RCRA Hazardous Waste Analysis☐ Process Knowledge☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name

Ray RamosDate 10-23-24

Signature _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENTCOMPANY NAME: Standard S+S

ADDRESS: _____

YARD #: _____

WHP #: _____

TRUCK #: 12

DATE

TIME

☐ AM

TICKET #: _____

ROLL OFF BIN#: _____

TRAILER #: _____

RECEIVED: _____

RECEIVED: _____

☐ PM

DISPATCHER

DISPATCHER

NAME: _____

PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."DRIVER: Ezequiel Rubio

(Driver's Name Printed)

DRIVER'S SIGNATURE: Ezequiel Rubio**I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE****TO BE COMPLETED BY OWL LANDFILL EMPLOYEES**

FACILITY RECEIVED AT (Check One):

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 10/23/24TIME IN: 1104

AM / PM

TIME OUT: _____

AM / PM

WASHOUT BY: _____

WASHOUT: _____

TIME IN: _____

TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/ATCLP: PASS FAIL N/ATOX: PASS FAIL N/A

NORM

TESTING:

(Less than 50 MCR)

H₂O
S

Shake Out:

1 2 3

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____

Employee (Printed Name)

EMPLOYEE SIGNATURE: _____

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator


OWL Landfill Services, LLC

DBA: Northern Delaware Basin Landfill

 8201 Preston Rd., Suite 520
 Dallas, TX 75225
 214.292.2011
 ar@ndblandfill.com

 COMPANY MAN: Ray Ramer

(Authorized Agent's Printed Name and Title)

SIGNATURE: _____

COMPANY MAN EMAIL: _____

 COMPANY MAN PHONE: 432-318-1288
MANIFEST #
0297782

 COMPANY NAME: BTA

 DATE: 10-23-24

 LEASE: Mesa B 8115 JV P Com

PHONE: _____

~~Incident #~~ 13737 API: 30-025-42125

 QUANTITY: _____ ☐ BBLs

 RIG NAME: _____ WELL #: B2 H Jet Pump
20 ☒ YARDS

 STATE & COUNTY ORIGIN: Lca Co. NM

Waste Description (check only one box)

☐ RCRA Exempt

☐ RCRA Non-Exempt

☐ Water Based Cuttings (DRY)

☐ Water Based Cuttings (WET)

☒ Contaminated Soil

☐ Produced Sands

☐ Oil Based Cuttings (DRY)

☐ Oil Based Cuttings (WET)

☐ Injectable Fluids

☐ Non-Injectable Fluids

☐ Oil Base Mud

☐ Water Base Mud

☐ Muds w/Cement

☐ Tank Bottoms

☐ Rig Trash

☐ Pit Liners

Authorize Washout?

☐ Yes ☒ No

☐ Other: _____

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS information

☐ RCRA Hazardous Waste Analysis

☐ Process Knowledge

☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name

Ray Ramer

Date

10-23-24

Signature

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

 COMPANY NAME: Standard S&S

YARD #: _____

WHP #: _____

TRUCK #: _____

ADDRESS: _____

TICKET #: _____

ROLL OFF BIN#: _____

TRAILER #: _____

DATE

TIME

☐ AM

DISPATCHER

DISPATCHER

RECEIVED: _____

RECEIVED: _____

☐ PM

NAME: _____

PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:

"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

 DRIVER: Ezequiel Rubio

 DRIVER'S SIGNATURE: [Signature]

(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):

 DATE 10/23/24

 TIME IN: 3:31

AM/PM

TIME OUT: _____

AM/PM

☐ Northern Delaware Basin Landfill

2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: _____

WASHOUT: _____

TIME IN: _____

TIME OUT: _____

 ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A

 TCLP: PASS FAIL N/A

 TOX: PASS FAIL N/A

NORM TESTING:

(Less than 50 MCR)

Shake Out:

1 2 3

 H₂O S

Gallon Test: _____

SERVICE NOTES:

This is to certify that: _____

Employee (Printed Name)

EMPLOYEE SIGNATURE: _____

has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility

Yellow: Transporter

Pink: Generator

Part 1 - Generator

Part 2 - Transporter

Part 3 - Disposal Facility

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 407788

QUESTIONS

| | |
|---|---|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 407788 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|-------------------|---------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2426245843 |
| Incident Name | NAPP2426245843 MESA B 2H JET PUMP @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Facility | [fAPP2129922900] Mesa B 2H |

| | |
|--|--------------------|
| Location of Release Source | |
| Please answer all the questions in this group. | |
| Site Name | Mesa B 2H Jet Pump |
| Date Release Discovered | 09/16/2024 |
| Surface Owner | Private |

| | |
|--|------------------------|
| Incident Details | |
| Please answer all the questions in this group. | |
| Incident Type | Produced Water 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 | Not answered. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Pump Produced Water Released: 21 BBL Recovered: 20 BBL Lost: 1 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) | On September 16, 2024 at approximately 6:00 PM MDT, BTA personnel discovered a leak from a hammer union and nipple on a Jet Pump at the Mesa B 2H CTB. Approximately 21 BBLs of produced water were released, 20 BBLs were recovered during initial response. |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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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 407788

QUESTIONS (continued)

| | |
|---|---|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 407788 |
| | 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. 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 safety hazard that would result in injury. | |
| 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. |
| Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. | |
| 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. | |
| I hereby agree and sign off to the above statement | Name: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 12/03/2024 |

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QUESTIONS, Page 3

Action 407788

QUESTIONS (continued)

| | |
|---|---|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 407788 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

| | |
|--|----------------------------|
| Site Characterization | |
| <i>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 the release discovery date.</i> | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 75 and 100 (ft.) |
| What method was used to determine the depth to ground water | Direct Measurement |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and 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) | Greater than 5 (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 | Greater than 5 (mi.) |
| Any other fresh water well or spring | Greater than 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 500 and 1000 (ft.) |
| 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 | Medium |
| 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 | |
| <i>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.</i> | |
| Requesting a remediation plan approval with this submission | Yes |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i> | |
| 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 milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 16000 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 223.4 |
| GRO+DRO (EPA SW-846 Method 8015M) | 158 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |
| <i>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> | |
| On what estimated date will the remediation commence | 10/11/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 10/24/2024 |
| On what date will (or was) the remediation complete(d) | 11/07/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 580 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 300 |
| What is the estimated surface area (in square feet) that will be remediated | 580 |
| What is the estimated volume (in cubic yards) that will be remediated | 300 |
| <i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i> | |
| <i>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.</i> | |

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QUESTIONS, Page 4

Action 407788

QUESTIONS (continued)

| | |
|---|---|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 407788 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|---|
| Remediation Plan (continued) | |
| <i>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.</i> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| (Select all answers below that apply.) | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | OWL LANDFILL JAL [fJEG1635837366] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |
| <i>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> | |
| 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. | |
| I hereby agree and sign off to the above statement | Name: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 12/03/2024 |
| <i>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.</i> | |

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QUESTIONS, Page 5

Action 407788

QUESTIONS (continued)

| | |
|---|---|
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| | Action Number: 407788 |
| | 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 407788

QUESTIONS (continued)

| | |
|---|----------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: |
| | 260297 |
| | Action Number: |
| | 407788 |
| Action Type: | |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 397411 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 11/01/2024 |
| What was the (estimated) number of samples that were to be gathered | 2 |
| What was the sampling surface area in square feet | 412 |

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 | 580 |
| What was the total volume (cubic yards) remediated | 300 |
| 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 | 580 |
| What was the total volume (in cubic yards) reclaimed | 300 |
| Summarize any additional remediation activities not included by answers (above) | Based on the results of the remedial activities and confirmation sampling, BTA respectfully requests closure of the incident. The current release footprint is fully remediated. Analytical results associated with the sampling events were below applicable Site RRALs following all remedial response actions; therefore, remediation of the release footprint is complete. The impacted surface area was remediated to meet the standards of Table I of 19.15.29.12 NMAC. |
| <i>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> | |
| 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. | |
| I hereby agree and sign off to the above statement | Name: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 12/03/2024 |

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QUESTIONS, Page 7

Action 407788

QUESTIONS (continued)

| | |
|---|---|
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| | 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 407788

CONDITIONS

| | |
|---|---|
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CONDITIONS

| Created By | Condition | Condition Date |
|---------------|--|----------------|
| scott.rodgers | A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. | 12/23/2024 |
| scott.rodgers | The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan. | 12/23/2024 |