



February 26, 2026

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

**Re: Remediation Closure Request  
ConocoPhillips  
James E #001 Tubing Line Release  
Unit Letter G, Section 11, Township 22 South, and Range 30 East  
Eddy County, New Mexico  
Incident ID NRM2007952227**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess and evaluate a release that occurred from the tubing associated with the James E #001 well (API #30-015-20996). The release Site is located in Public Land Survey System (PLSS) Unit Letters G, Section 11, Township 22 South, and Range 30 East, Eddy County, New Mexico. The coordinates of the release point are approximately 32.408516°, -103.849337°, as shown in Figures 1 and 2.

## BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release was discovered on March 16, 2020. The release occurred as the result of a hole in the tubing line check valve. Approximately 7 barrels (bbls) of produced water and 1.75 bbls of oil were released, of which none were recovered. The release footprint is located on the northern portion of the James E #001 well pad and adjacent pasture extending approximately 485 feet north and north-northwest. The New Mexico Oil Conservation District (NMOCD) received the initial C-141 report form for the release on March 17, 2020. The NMOCD Incident ID for this release is NRM2007952227.

The Initial C-141 Form had inaccurate information, regarding a James E battery location, thus, there were several clarifications needed to be made to the C-141.

- Site Name in the C-141 is erroneously listed as "James E Federal (Lower) Battery". Tetra Tech revised to read James E #001.
- The GPS coordinates provided are erroneously tied to the James E Federal (Lower) Battery. Tetra Tech revised to 32.408516°, -103.849337°
- The James E #001 is in Unit Letter G, not in Unit Letter B as stated on the C-141 Form. Tetra Tech revised.

The revised C-141 with corrections and notes was provided to COP on September 17, 2020, resubmitted and approved by the NMOCD. That revised C-141 is included in Appendix A.

## LAND OWNERSHIP

The Site is located on land managed by the Bureau of Land Management (BLM).

## SITE CHARACTERIZATION

A site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, stream bodies, wetlands, incorporated

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municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC).

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no wells within ½ mile (800 meters) of the Site with available water level data. The nearest water well listed on the NMOSE database is approximately 2.78 miles from the site and has a reported depth to groundwater of 262 feet below ground surface (bgs). To better ascertain the actual depth to groundwater in the release vicinity, ConocoPhillips elected to drill a boring to verify depth to groundwater.

On February 28, 2023, a licensed drilling contractor was onsite to drill a groundwater determination borehole (DTW) to a depth of 105 feet bgs along the southern edge of the well pad. There was no water present during drilling operations. The borehole was left open for approximately 72 hours and subsequently revisited by Tetra Tech personnel, who confirmed the absence of groundwater. The site characterization data and well boring log are included in Appendix B.

According to the NMOCD Oil & Gas Map, the Site is in an area of high karst potential. However, COP contracted Goshawk Environmental Consulting, Inc. (Goshawk) to perform a karst survey at the Site on March 25, 2025. The Goshawk survey area encompassed approximately 47.09 acres. No obvious potential karst features were identified during the Goshawk field investigation. The Karst Survey Report is included as Appendix C.

## REGULATORY FRAMEWORK

Based upon the release footprint location (on an active oil and gas production pad) and Karst Survey Report 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          | 20,000 mg/kg |
| TPH (GRO+DRO+MRO) | 2,500 mg/kg  |
| GRO+DRO           | 1,000 mg/kg  |
| BTEX              | 50 mg/kg     |
| Benzene           | 10 mg/kg     |

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 ft bgs) outside of active oil and gas operations are as follows:

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

## INITIAL SITE ASSESSMENT

Tetra Tech personnel conducted soil sampling activities on behalf of COP on February 2, 2021 to delineate the release. Assessment activities consisted of four borings (BH-1 through BH-4) installed with a truck-mounted air rotary drilling rig within the release footprint and on the well pad surface to achieve horizontal and vertical delineation. The approximate release extent and assessment sampling locations are presented in Figure 3.

A total of twenty-four (24) soil samples were collected from the four (4) borings and shipped to Pace Analytical (Pace) to be analyzed for TPH (DRO and ORO) by EPA Method 8015, TPH Low Fraction (GRO) by EPA Method 8015D, BTEX by EPA Method 8260B, and chlorides by EPA Method 300.0. The laboratory analytical results from the release assessment activities are summarized in Table 1.

### ADDITIONAL SITE ASSESSMENT

Tetra Tech personnel returned to the site on March 3 and May 5, 2021, to complete nine (9) additional borings (AH-1 through AH-9) using hand augers to further horizontally and vertically delineate the release area. AH-1 was installed to the west of the well pad to define the lateral extent of the elevated chloride concentrations discovered near BH-4. Boring locations AH-2 and AH-3 were installed within the release extent (NRM2007952227) to achieve vertical delineation. AH-4 through AH-9 were installed along the outside of the release extent to laterally bound chloride impacts. Boring locations are presented in Figure 3.

A total of nineteen (19) samples were collected from the nine (9) borings and shipped to Pace Analytical (Pace) to be analyzed for TPH (DRO and ORO) by EPA Method 8015, TPH Low Fraction (GRO) by EPA Method 8015D, BTEX by EPA Method 8260B, and chlorides by EPA Method 300.0. The laboratory analytical results associated with AH-1 through AH-3 and AH-6 through AH-9 (pasture) are summarized in Table 2. Results from the borings installed within the vicinity of the former reserve pit are summarized in Table 3.

### REMEDIATION WORK PLAN (2021)

A Release Characterization Work Plan (Work Plan) was prepared by Tetra Tech on behalf of COP and submitted to NMOCD on July 30, 2021, with fee application payment PO Number 5HXB2-210730-C-1410. The Work Plan described the results of the initial response activities, release assessment and provided characterization of the impact at the site. The Work Plan was denied via email by Robert Hamlet of the NMOCD on Tuesday, November 9, 2021, with the following reasoning:

- *“The Remediation Plan is denied: The release will need to be fully remediated on pad to the strictest closure criteria standards due to high karst potential. All sample points, except the requested sample points for deferral, must have contaminated soil removed before a deferral request is submitted. The only remediation that should remain are the sample points that are being requested for deferral. If equipment is present, specify exactly which sample points you are asking for a deferral on and the reason the contaminants cannot be removed. Due to the sensitive nature of the site, the alternative sampling plan is denied. Please collect confirmation samples, representing no more than 200 ft<sup>2</sup>. The liner installation at 4 feet is denied. The entire off-pad portion of the release (including the legacy reserve pit) must be horizontally and vertically delineated/excavated to meet reclamation requirements.”*

### ADDITIONAL DELINEATION ACTIVITIES AND SAMPLING RESULTS

In response to the denial reasoning for the Release Characterization Work Plan submitted to NMOCD on July 30, 2021 (fee application payment PO Number 5HXB2-210730-C-1410), Tetra Tech remobilized to the Site to conduct additional delineation activities. From December 2022 to May 2023, Tetra Tech personnel were onsite to complete soil borings utilizing hand auger and air rotary drill methods. Boring locations are shown in Figure 4.

On December 12, 2022, Tetra Tech installed three (3) borings (AH-10 (2022) through AH-12 (2022)) using hand augers to horizontally delineate the area associated with AH-2 and the area west of AH-4. A total of three (3) samples were collected at 0-1 foot bgs depth intervals and submitted to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico for analysis. Analytical results for AH-11 and AH-12 are summarized in Table 2. The analytical results for AH-10 are summarized in Table 3.

Tetra Tech personnel returned to the Site on February 28, 2023 to install a total of three (3) borings utilizing a truck-mounted air rotary drilling rig. Background (BG)-1 was drilled to a depth of 50 feet bgs south of the

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ConocoPhillips

well pad to collect soil samples to determine natural chloride background levels in the area. Boring locations BH-2A and BH-4A were installed to confirm the existing analytical data and vertically delineate the previously drilled BH-2 and BH-4 borings to chloride concentrations not to exceed 600 mg/kg. Vertical delineation was achieved at a depth of 15 feet bgs at BH-2 and 40 feet bgs at BH-4. A total of thirty (30) soil samples were collected and submitted to Pace for analysis. Analytical results from BH-2A and BH-4A are summarized in Table 1. Analytical results associated with the background boring (BG-1) are summarized in table 4.

On March 22, 2023, Tetra Tech personnel installed a total of fifteen (15) hand auger borings to horizontally and vertically delineate the release extent within the former reserve pit. Boring locations AH-10 through AH-14 were installed to a depth of 4 feet bgs within the release footprint. AH-10E through AH-14E, and AH-10W through AH-14W were installed around the edge of the release footprint to a depth of 1-foot bgs to achieve horizontal delineation. A total of thirty (30) samples were collected and submitted to Cardinal to be analyzed for chloride via EPA Method SM4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B.

Tetra Tech personnel returned to the Site once more on May 10, 2023, to install a total of two (2) air rotary drill borings (BH-5 and BH-6) within the release extent inside the former reserve pit area. Boring location BH-5 was drilled to a depth of 80 feet bgs and BH-6 was drilled to a depth of 25 feet bgs. In addition to the two vertical boreholes, an additional hand auger boring (AH-10E-2) was installed to a depth of 1-foot bgs to bound the lateral extent east of AH-10E. A total of twenty-four (24) samples were collected and submitted to Cardinal for analysis. Analytical results for the March and May sampling events are summarized in Table 3.

#### REVISED REMEDIATION WORK PLAN (2023)

Based on the analytical results and revised site characterization, a REVISED Release Characterization Work Plan (REVISED Work Plan) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on September 5, 2023, with the appropriate fee application. The REVISED Work Plan described the results of the initial response activities, both initial and additional release assessment and provided characterization of the impact at the site. The plan contained a variance request for the placement of a geosynthetic clay liner (GCL) within the excavated areas north of the wellhead, inside the former reserve pit and in the vicinity of BH-4/4A. The REVISED Work Plan was denied via email by Scott Rodgers of the NMOCD on March 18, 2024, with the following reasoning:

- ***Synthetic liners that are placed on top of contamination as a remediation variance in an effort solely to ensure contamination doesn't migrate further is not equal or better protection, as the contamination will remain in place. Variances with a liner request solely to reduce cleanup will be denied. OCD may also require landowner concurrence for any variance request to permanently leave contamination in place. This site is in a mapped High Karst area and will need to be delineated and remediated to the more stringent criteria in Table 1 (Part 29).***

#### REMEDICATION WORK PLAN ADDENDUM (2025)

Tetra Tech, on behalf of COP, prepared the Revised Release Characterization and Remediation Work Plan Addendum for Incident ID NRM2007952227. The Work Plan Addendum was submitted to NMOCD on July 2, 2025 with appropriate fee application payment PO Number 6AOOM-250702-C-1410. The report included a revised site characterization based on the previously mentioned karst survey, and subsequent Karst Survey Report, conducted by Goshawk on March 25, 2025. Based on depth-to-groundwater determination and the results of the karst survey, proposed Site RRALs were revised. The Work Plan Addendum was approved on October 14, 2025.

Documentation of associated regulatory correspondence is included in Appendix D.

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February 26, 2026

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## SUMMARY OF REMEDIAL ACTIVITIES

From January 5 through January 12, 2026, Tetra Tech personnel were onsite to supervise remedial activities proposed in the approved Remediation Work Plan. Notice of confirmation sampling was provided to the NMOCD via the OCD portal on December 30, 2025. Copies of the C-141N and regulatory correspondence are included in Appendix D.

On January 6 and 7, 2026, Tetra Tech personnel were onsite to collect confirmation samples at the excavated release Site. Impacted soil was excavated to 4 feet bgs, as indicated in Figure 5. The remediated surface area was comprised of approximately 6,206 square feet.

In accordance with the approved Remediation Work Plan Addendum, confirmation floor and sidewall samples were collected every 400 square feet and submitted for laboratory analysis to verify the efficacy of the remediation activities. Confirmation samples were collected from fifteen (15) floor locations and eighteen (18) sidewall locations. Confirmation floor sample locations were labeled with FS-#. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#.

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 SM4500CI-B. The analytical results were directly compared to the established Site RRALs to demonstrate compliance with 19.15.29.12 NMAC. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

The results of the January 2026 confirmation sampling events are summarized in Table 5. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH, and BTEX. Final excavated areas, depths and confirmation sample locations are indicated in Figure 5. Photographs of the excavated area prior to backfill are included as Appendix F.

All excavated material was transported offsite for proper disposal. Approximately 878 cubic yards of material were transported to the R360 Halfway Facility in Hobbs, New Mexico. Copies of the waste manifests are included as Appendix G.

## RECLAMATION ACTIVITIES

Once acceptable confirmation sample results were received, the excavation was backfilled with clean material to pre-release grade. In accordance with 19.15.29.13 NMAC, the reclaimed area contained a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0. The backfill material was sourced from the Red Rich Topsoil Pit. A 5-point composite sample was collected from the backfill source and submitted to Cardinal to be analyzed for TPH via EPA Method 8015M, BTEX via EPA Method 8021B, and chlorides via Standard Method SM4500CI-B. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The analytical results associated with the backfill sample collected by Tetra Tech are summarized in Table 6.

The backfilled areas in the pasture were seeded following backfilling, to aid in revegetation. Based on the soils of the site, the seed mixture for LPC Sand/Shinnery Sites was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. Site inspections will be performed annually to assess the revegetation process and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate.

## CONCLUSION

The remedial work completed was successful in removing soils impacted by the subject release above the Site RRALs. ConocoPhillips respectfully requests NMOCD approval of the final remedial action executed

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February 26, 2026

ConocoPhillips

for this release based on the confirmation sampling results and remediation activities performed. Final reclamation and restoration shall take place in accordance with 19.15.29.12 NMAC once the Site is no longer being used for oil and gas production. A complete and accurate reclamation and restoration report will be submitted at that time.

Thus, ConocoPhillips requests closure of the James E #001 Tubing Line release (NRM2007952227). If you have any questions concerning the remedial activities for the Site, please call me at (512) 217-7254.

Sincerely,  
**Tetra Tech, Inc.**



Colton Bickerstaff  
Project Lead



Ryan C Dickerson  
Senior Project Manager

cc:  
Mr. Sam Widmer, RMR – ConocoPhillips  
Mr. Ike Tavarez, RMR - ConocoPhillips  
Ms. Crisha Morgan – Bureau of Land Management

## LIST OF ATTACHMENTS

### Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Release Assessment Map
- Figure 4 – Additional Assessment Map
- Figure 5 – Remediation Map

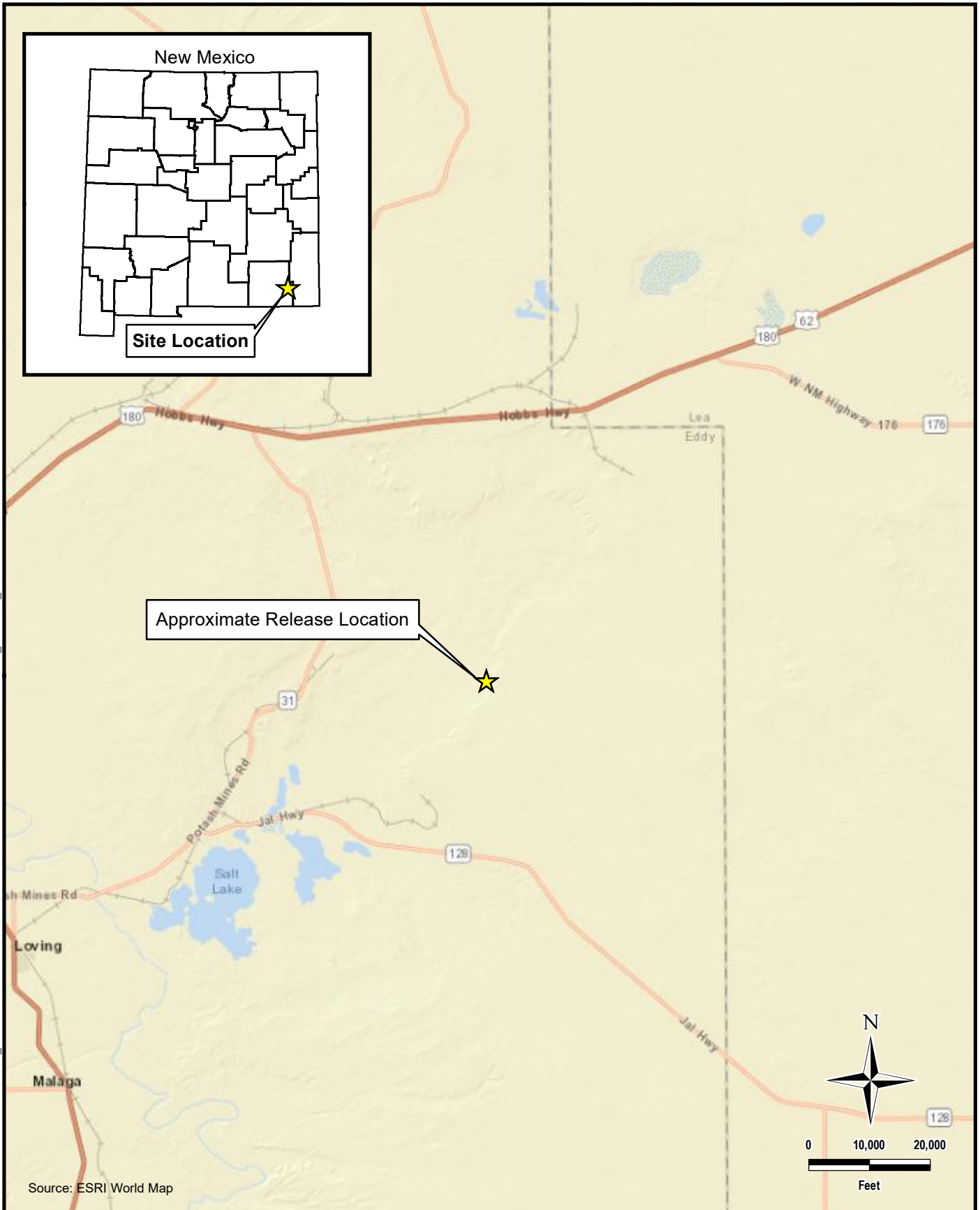
### Tables:

- Table 1 – Summary of Analytical Results – On-Pad Soil Assessment
- Table 2 – Summary of Analytical Results – Pasture Soil Assessment
- Table 3 – Summary of Analytical Results – Former Reserve Pit Soil Assessment
- Table 4 – Summary of Analytical Results – Background Soil Assessment
- Table 5 – Summary of Analytical Results – Soil Remediation
- Table 6 – Summary of Analytical Results – Soil Backfill

### Appendices:

- Appendix A – C-141 Form
- Appendix B – Site Characterization Data
- Appendix C – Goshawk Karst Survey Report
- Appendix D – Regulatory Correspondence
- Appendix E – Laboratory Analytical Data
- Appendix F – Photographic Documentation
- Appendix G – Waste Manifests

# **FIGURES**



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\JAMES E #01 SITE FILES\TETRA ENVIRONMENTAL FIGURES\FIGURE 1 OVERVIEW MAP\_JAMES E\_001.MXD

Source: ESRI World Map



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CONOCOPHILLIPS

NRM2007952227  
 (32.408538°, -103.849342°)  
 EDDY COUNTY, NEW MEXICO

**JAMES E #01 TUBING LINE RELEASE  
 OVERVIEW MAP**

PROJECT NO.: 212C-MD-02413

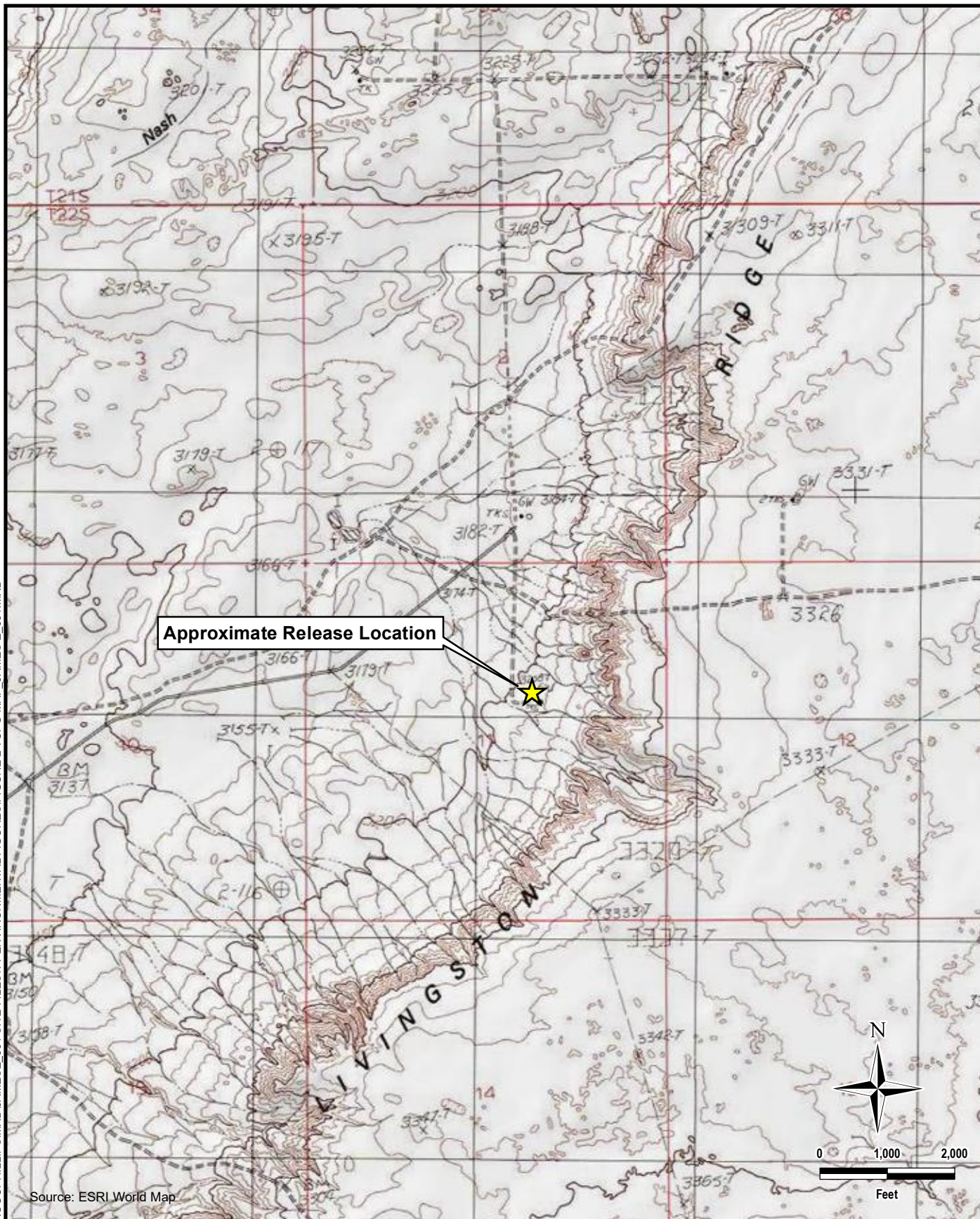
DATE: JUNE 01, 2021

DESIGNED BY: AJH

Figure No.

**1**

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\JAMES E #001 SITE FILES\T ENVIRONMENTAL FIGURES\FIGURE 2 TOPO MAP - JAMES E\_001.MXD



Source: ESRI World Map



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NRM2007952227  
 (32.408538°, -103.849342°)  
 EDDY COUNTY, NEW MEXICO

**JAMES E #001 TUBING LINE RELEASE  
 TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-02413

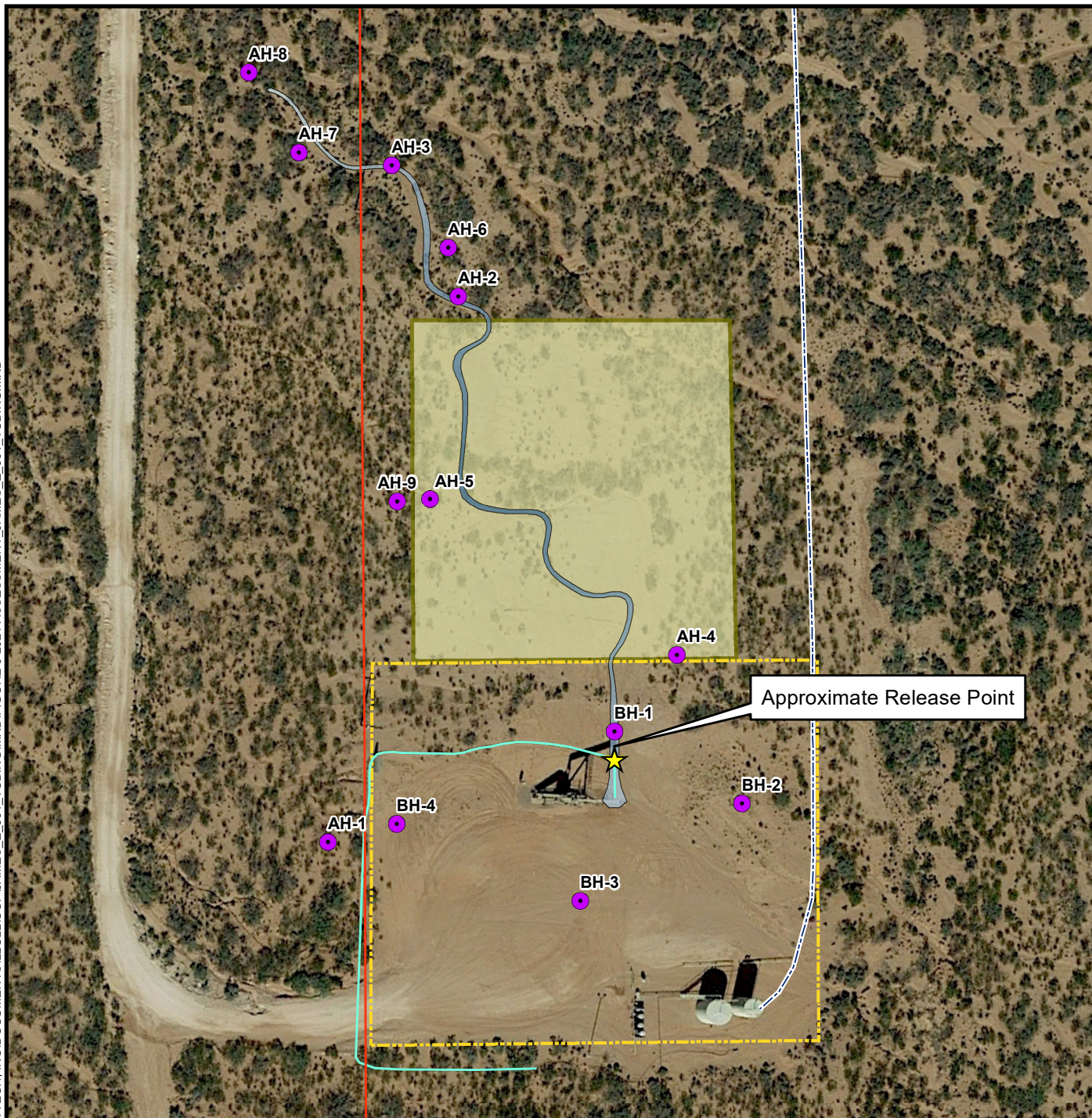
DATE: JUNE 01, 2021

DESIGNED BY: AJH

Figure No.

**2**

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINONEDRIVE - TETRA TECH\INC\DOCUMENTS\ILLULLCOP\JAMES E\_001\_TUBING\MD\FIGURE 3 2021 ASSESSMENT\_JAMES E\_001\_TUBING.MXD



**Legend**

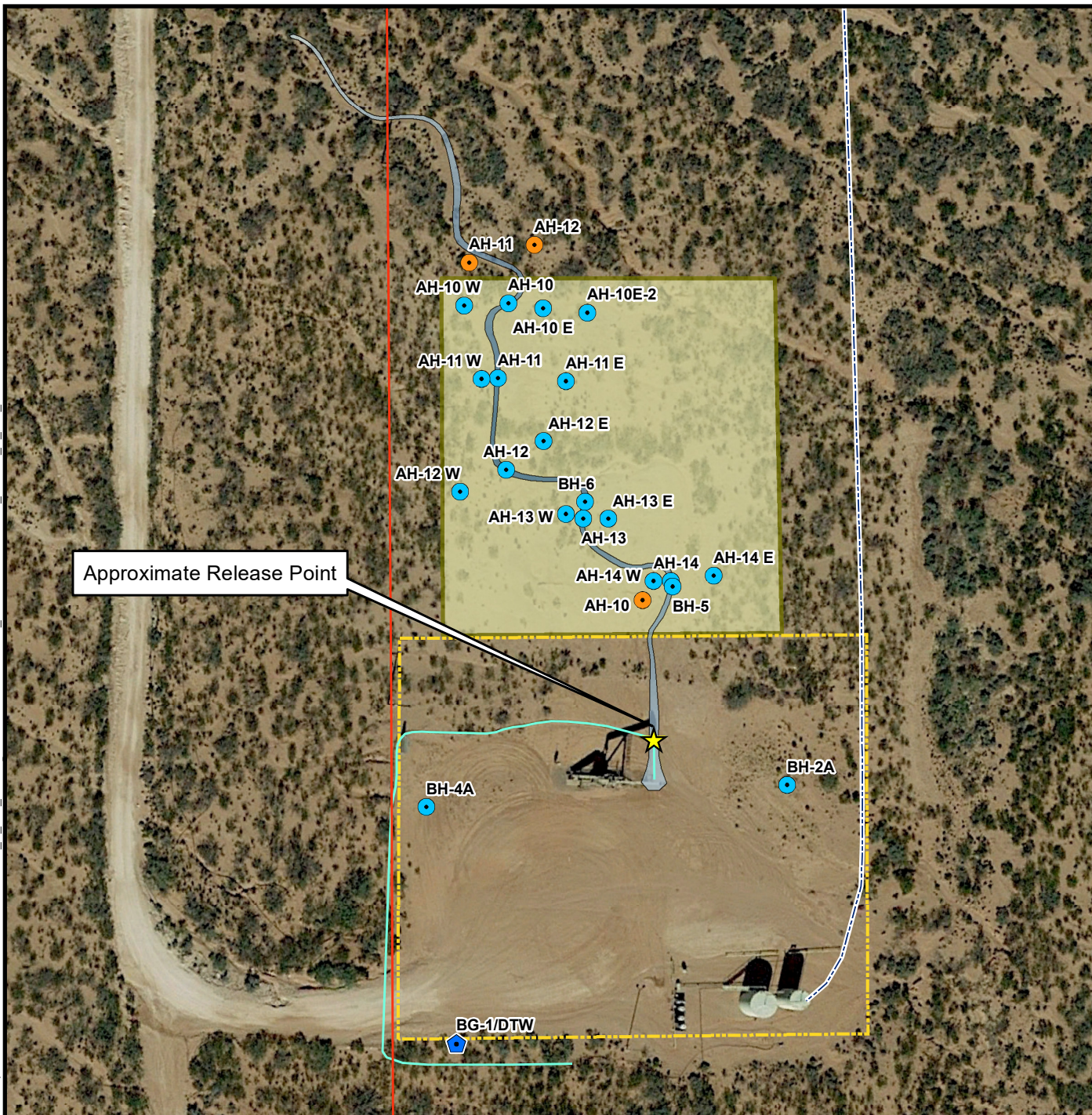
- Boring Location - February 2021
- Flowline
- Observed Release Extent Path
- Overhead Powerlines
- Approximate Pad Footprint
- Subsurface NG Pipeline
- Inferred Reserve Pit Area

Source: Google Earth.



|  |   |  |
|--|---|--|
| <p><b>TETRA TECH</b></p> <p>www.tetrattech.com</p> <p>901 West Wall Street, Suite 100<br/>Midland, Texas 79701<br/>Phone: (432) 682-4559<br/>Fax: (432) 682-3946</p> | <p><b>CONOCOPHILLIPS</b></p> <p>NRM2007952227<br/>(32.408538°, -103.849342°)<br/>EDDY COUNTY, NEW MEXICO</p> <p><b>JAMES E #001 TUBING LINE RELEASE<br/>2021 ASSESSMENT</b></p> | <p>PROJECT NO.: 212C-MD-02413</p> <p>DATE: JUNE 26, 2023</p> <p>DESIGNED BY: LMV</p> |
|  | <p>Figure No.</p> <p style="font-size: 24px; font-weight: bold;">3</p>  |  |

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINONEDRIVE - TETRA TECH\INC\DOCUMENTS\ILLULLCOP\JAMES\_E\_001\_TUBING\MD\FIGURE 4 2022\_2023 ASSESSMENT\_JAMES\_E\_001\_TUBING.MXD



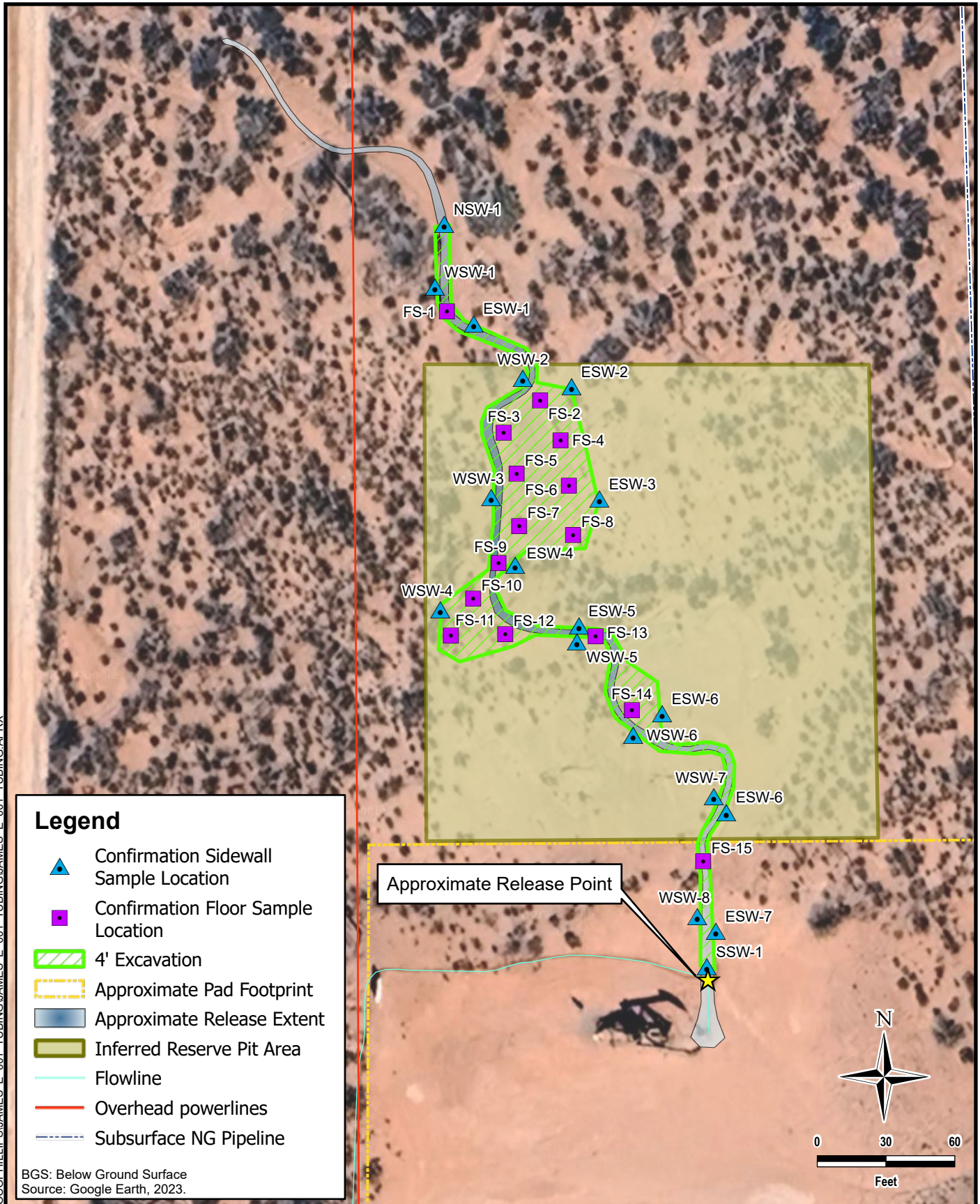
Approximate Release Point

| Legend |                              |
|--------|------------------------------|
|        | Boring Location - 2022       |
|        | Boring Location - 2023       |
|        | DTW - 2023                   |
|        | Observed Release Extent Path |
|        | Approximate Pad Footprint    |
|        | Inferred Reserve Pit         |
|        | Flowline                     |
|        | Overhead Powerlines          |
|        | Subsurface NG Pipeline       |

Source: Google Earth.



|   |  |  |
|---|--|--|
| <p><b>TETRA TECH</b></p> <p>www.tetratech.com</p> <p>901 West Wall Street, Suite 100<br/>Midland, Texas 79701<br/>Phone: (432) 682-4559<br/>Fax: (432) 682-3946</p> | <p align="center"><b>CONOCOPHILLIPS</b></p> <p align="center">NRM2007952227<br/>(32.408538°, -103.849342°)<br/>EDDY COUNTY, NEW MEXICO</p> | <p>PROJECT NO.: 212C-MD-02413</p>                  |
|   | <p align="center"><b>JAMES E #001 TUBING LINE RELEASE<br/>2022 AND 2023 ASSESSMENT</b></p>   | <p>DATE: JUNE 26, 2023</p> <p>DESIGNED BY: LMV</p> |
|   |  | <p>Figure No.<br/><b>4</b></p>                     |



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**Legend**

- Confirmation Sidewall Sample Location
- Confirmation Floor Sample Location
- 4' Excavation
- Approximate Pad Footprint
- Approximate Release Extent
- Inferred Reserve Pit Area
- Flowline
- Overhead powerlines
- Subsurface NG Pipeline

BGS: Below Ground Surface  
Source: Google Earth, 2023.

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EDDY COUNTY, NEW MEXICO

**JAMES E #001 TUBING LINE RELEASE  
REMEDATION MAP**

PROJECT NO.: 212C-MD-02413  
DATE: JANUARY 21, 2026  
DESIGNED BY: LMV  
Figure No.  
**5**

# **TABLES**

TABLE 1  
 SUMMARY OF ANALYTICAL RESULTS  
 ON-PAD SOIL ASSESSMENT - NRM2007952227  
 CONOCOPHILLIPS  
 JAMES E #001 TUBING LINE RELEASE  
 EDDY COUNTY, NM

| Sample ID | Sample Date | Sample Depth Interval | Field Screening Results |     | Chloride <sup>1</sup> |    | BTEX <sup>2</sup> |   |           |   |              |   |               | TPH <sup>3</sup> |            |   |  |   |        |   |        |     |                            |
|-----------|-------------|-----------------------|-------------------------|-----|-----------------------|----|-------------------|---|-----------|---|--------------|---|---------------|------------------|------------|---|--|---|--------|---|--------|-----|----------------------------|
|           |             |                       | Chloride                | PID | mg/kg                 | Q  | Benzene           |   | Toluene   |   | Ethylbenzene |   | Total Xylenes |                  | Total BTEX |   | GRO <sup>4</sup><br>C <sub>1</sub> - C <sub>10</sub> |   | DRO    |   | ORO    |     | Total TPH<br>(GRO+DRO+ORO) |
|           |             |                       |                         |     |                       |    | mg/kg             | Q | mg/kg     | Q | mg/kg        | Q | mg/kg         | Q                | mg/kg      | Q | mg/kg  | Q | mg/kg  | Q | mg/kg  | Q   |                            |
| BH-1      | 2/2/2021    | 0-1                   | 10000                   | -   | <b>12800</b>          |    | 0.00118           |   | 0.0059    |   | 0.00295      |   | 0.00142       | J                | 0.00142    |   | < 0.109  |   | 820    |   | 1590   |     | <b>2410</b>                |
|           |             | 2-3                   | -                       | -   | <b>7750</b>           |    | 0.00117           |   | 0.00586   |   | 0.00293      |   | 0.00762       |                  | -          |   | < 0.109  |   | 1440   |   | 1730   |     | <b>3170</b>                |
|           |             | 4-5                   | -                       | -   | 1970                  |    | 0.00244           |   | 0.0122    |   | 0.00611      |   | 0.0159        |                  | -          |   | < 0.115  |   | 28.7   |   | 32.9   |     | 61.6                       |
|           |             | 6-7                   | 1200                    | -   | 883                   |    | < 0.00114         |   | < 0.00568 |   | < 0.00284    |   | < 0.00739     |                  | -          |   | < 0.107  |   | 1.92   | J | 1.74   | B J | 3.66                       |
|           |             | 9-10                  | -                       | -   | 800                   |    | < 0.00120         |   | < 0.00601 |   | < 0.00300    |   | < 0.00781     |                  | -          |   | < 0.110  |   | 3.81   | J | 4.09   | B J | 7.90                       |
|           |             | 14-15                 | 900                     | -   | 955                   |    | < 0.00115         |   | < 0.00577 |   | < 0.00288    |   | < 0.00750     |                  | -          |   | < 0.109  |   | < 4.31 | J | < 4.31 |     | -                          |
|           |             | 19-20                 | 1800                    | -   | 2120                  | J6 | < 0.00117         |   | < 0.00585 |   | < 0.00293    |   | < 0.00761     |                  | -          |   | < 0.109  |   | 4.36   |   | 5.46   |     | 9.82                       |
|           |             | 24-25                 | 1400                    | -   | 1640                  |    | < 0.00114         |   | < 0.00571 |   | < 0.00285    |   | < 0.00742     |                  | -          |   | < 0.107  |   | 4.34   |   | 6.03   |     | 10.4                       |
|           |             | 29-30                 | 1600                    | -   | 1730                  |    | < 0.00133         |   | < 0.00664 |   | < 0.00332    |   | < 0.00863     |                  | -          |   | < 0.116  |   | 4.43   | J | 5.38   |     | 9.81                       |
|           |             | 34-35                 | 1100                    | -   | 1190                  |    | < 0.00125         |   | < 0.00626 |   | < 0.00313    |   | < 0.00814     |                  | -          |   | < 0.113  |   | < 4.50 |   | 3.64   | J   | 3.64                       |
|           |             | 39-40                 | 880                     | -   | 931                   |    | < 0.00121         |   | < 0.00604 |   | < 0.00302    |   | < 0.00785     |                  | -          |   | < 0.110  |   | < 4.41 |   | 0.409  | J   | 0.409                      |
|           |             | 44-45                 | 150                     | -   | 199                   |    | < 0.00111         |   | < 0.00556 |   | < 0.00278    |   | < 0.00723     |                  | -          |   | < 0.106  |   | < 4.23 |   | < 4.23 |     | -                          |
| BH-2      | 2/2/2021    | 0-1                   | 300                     | -   | 275                   |    | < 0.00105         |   | < 0.00527 |   | < 0.00264    |   | < 0.00685     |                  | -          |   | < 0.104  |   | 2.33   | J | 5.55   | J   | 7.88                       |
|           |             | 2-3                   | 260                     | -   | 475                   |    | < 0.00107         |   | < 0.00535 |   | < 0.00267    |   | < 0.00695     |                  | -          |   | < 0.103  |   | < 4.14 |   | 2.97   | J   | 2.97                       |
|           |             | 4-5                   | 481                     | -   | 590                   |    | < 0.00108         |   | < 0.00541 |   | < 0.00271    |   | < 0.00704     |                  | -          |   | < 0.104  |   | < 4.16 |   | < 4.16 |     | -                          |
|           |             | 6-7                   | 552                     | -   | 622                   |    | < 0.00108         |   | < 0.00540 |   | < 0.00270    |   | < 0.00702     |                  | -          |   | < 0.104  |   | 2.08   | J | 2.62   | J   | 4.70                       |
| BH-2A     | 2/28/2023   | 0-1                   | -                       | -   | 992                   |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 2-3                   | -                       | -   | 1040                  |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | 82.8   |   | < 10.0 |     | 82.8                       |
|           |             | 4-5                   | -                       | -   | 864                   |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 6-7                   | -                       | -   | 800                   |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 8-9                   | -                       | -   | 640                   |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
| 14-15     | -           | -                     | 240                     |     | < 0.050               |    | < 0.050           |   | < 0.050   |   | < 0.150      |   | -             |                  | < 10.0     |   | < 10.0   |   | < 10.0 |   | -      |     |                            |
| BH-3      | 2/2/2021    | 0-1                   | 100                     | -   | 96.9                  |    | < 0.00107         |   | < 0.00533 |   | < 0.00267    |   | < 0.00293     |                  | -          |   | < 0.103  |   | 1.69   | J | 2.90   | J   | 4.59                       |
|           |             | 2-3                   | 80.4                    | -   | 86.6                  |    | < 0.00112         |   | < 0.00558 |   | < 0.00279    |   | < 0.00725     |                  | -          |   | < 0.106  |   | < 4.23 |   | < 4.23 |     | -                          |
|           |             | 4-5                   | 45.1                    | -   | 23.2                  |    | < 0.00114         |   | < 0.00570 |   | < 0.00285    |   | < 0.00741     |                  | -          |   | < 0.107  |   | < 4.28 |   | < 4.28 |     | -                          |
|           |             | 6-7                   | 59                      | -   | 51.8                  |    | < 0.00115         |   | < 0.00573 |   | < 0.00287    |   | < 0.00745     |                  | -          |   | < 0.107  |   | < 4.29 |   | < 4.29 |     | -                          |
| BH-4      | 2/2/2021    | 0-1                   | 690                     | -   | 2470                  |    | < 0.00108         |   | < 0.00540 |   | < 0.00270    |   | < 0.00703     |                  | -          |   | < 0.104  |   | < 4.16 |   | 0.438  | J   | 0.438                      |
|           |             | 2-3                   | -                       | -   | 1830                  |    | < 0.00108         |   | < 0.00541 |   | < 0.00270    |   | < 0.00703     |                  | -          |   | < 0.104  |   | < 4.16 |   | < 4.16 |     | -                          |
|           |             | 4-5                   | 1000                    | -   | 1360                  |    | < 0.00111         |   | < 0.00557 |   | < 0.00279    |   | < 0.00724     |                  | -          |   | < 0.106  |   | < 4.23 |   | < 4.23 |     | -                          |
|           |             | 6-7                   | -                       | -   | 1410                  |    | < 0.00112         |   | < 0.00559 |   | < 0.00280    |   | < 0.00727     |                  | -          |   | < 0.106  |   | < 4.24 |   | < 4.24 |     | -                          |
| BH-4A     | 2/28/2023   | 0-1                   | -                       | -   | 480                   |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 2-3                   | -                       | -   | 1060                  |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 4-5                   | -                       | -   | 1250                  |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 6-7                   | -                       | -   | 992                   |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 8-9                   | -                       | -   | 2000                  |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 14-15                 | -                       | -   | 1720                  |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 19-20                 | -                       | -   | 1800                  |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 24-25                 | -                       | -   | 784                   |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 29-30                 | -                       | -   | 192                   |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
|           |             | 34-35                 | -                       | -   | 192                   |    | < 0.050           |   | < 0.050   |   | < 0.050      |   | < 0.150       |                  | -          |   | < 10.0   |   | < 10.0 |   | < 10.0 |     | -                          |
| 39-40     | -           | -                     | 128                     |     | < 0.050               |    | < 0.050           |   | < 0.050   |   | < 0.150      |   | -             |                  | < 10.0     |   | < 10.0   |   | < 10.0 |   | -      |     |                            |

NOTES:  
 ft. Feet  
 bgs Below ground surface  
 ppm Parts per million  
 mg/kg Milligrams per kilogram  
 TPH Total Petroleum Hydrocarbons  
 GRO Gasoline range organics  
 DRO Diesel range organics  
 ORO Oil range organics

**Bold and italicized values indicate exceedance of proposed RRALs and/or reclamation requirements for soils above 4 feet bgs outside of oil and gas operations.**  
 Shaded rows indicate intervals proposed for excavation.

1 EPA Method 300.0  
 2 EPA Method 8260B  
 3 EPA Method 8015  
 4 EPA Method 8015D/GRO

QUALIFIERS:  
 B The same analyte is found in the associated blank.  
 J The identification of the analyte is acceptable; the reported value is an estimate.

TABLE 2  
 SUMMARY OF ANALYTICAL RESULTS  
 PASTURE SOIL ASSESSMENT - NRM2007952227  
 CONOCOPHILLIPS  
 JAMES E #001 TUBING LINE RELEASE  
 LEA COUNTY, NM

| Sample ID    | Sample Date | Sample Depth Interval | Field Screening Results |     | Chloride <sup>1</sup> |   | BTEX <sup>2</sup> |    |           |    |              | TPH <sup>3</sup> |               |   |                  |         |       |        |       |       |                         |       |
|--------------|-------------|-----------------------|-------------------------|-----|-----------------------|---|-------------------|----|-----------|----|--------------|------------------|---------------|---|------------------|---------|-------|--------|-------|-------|-------------------------|-------|
|              |             |                       | Chloride                | PID |                       |   | Benzene           |    | Toluene   |    | Ethylbenzene |                  | Total Xylenes |   | GRO <sup>4</sup> |         | DRO   |        | ORO   |       | Total TPH (GRO+DRO+ORO) |       |
|              |             |                       |                         |     |                       |   | 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         | 3/3/2021    | 0-1                   | -                       | -   | 24.2                  | J | < 0.00153         |    | < 0.00764 |    | < 0.00382    |                  | < 0.00994     |   | -                | < 0.126 |       | < 5.06 |       | 2.65  | J                       | 2.65  |
|              |             | 2-3                   | -                       | -   | 35.2                  |   | < 0.00105         |    | < 0.00523 |    | < 0.00261    |                  | < 0.00680     |   | -                | < 0.102 |       | 2.74   | J     | 9.01  |                         | 11.8  |
| AH-2         | 3/3/2021    | 0-1                   | -                       | -   | <b>971</b>            |   | < 0.00108         |    | < 0.00540 |    | < 0.00270    |                  | < 0.00702     |   | -                | < 0.104 |       | 18.9   |       | 36.7  |                         | 55.6  |
|              |             | 2-3                   | -                       | -   | <b>3020</b>           |   | < 0.00172         |    | < 0.00860 |    | < 0.00430    |                  | < 0.0112      |   | -                | 0.154   |       | < 5.44 |       | 1.20  | J                       | 1.35  |
|              |             | 4-5                   | -                       | -   | 206                   |   | < 0.00111         |    | < 0.00554 |    | < 0.00277    |                  | < 0.00720     |   | -                | < 0.105 |       | 8.94   |       | 12.8  |                         | 21.7  |
| AH-3         | 3/3/2021    | 0-1                   | -                       | -   | 400                   |   | < 0.00105         |    | < 0.00526 |    | < 0.00263    |                  | < 0.00684     |   | -                | < 0.103 |       | 41.3   |       | 58.2  |                         | 99.5  |
|              |             | 2-3                   | -                       | -   | 215                   |   | < 0.00104         |    | < 0.00519 |    | < 0.00259    |                  | < 0.00674     |   | -                | 0.0457  | B J   | 3.30   | J     | 5.20  |                         | 8.55  |
| AH-6         | 3/3/2021    | 0-1                   | -                       | -   | < 20.2                |   | < 0.00102         |    | < 0.00510 |    | < 0.00255    |                  | < 0.00663     |   | -                | < 0.101 |       | 2.81   | J     | 1.75  | J                       | 4.56  |
|              |             | 2-3                   | -                       | -   | < 20.2                |   | < 0.00102         |    | < 0.00510 |    | < 0.00255    |                  | < 0.00662     |   | -                | < 0.101 |       | 3.76   | J     | 2.28  | J                       | 6.04  |
| AH-7         | 3/3/2021    | 0-1                   | -                       | -   | < 20.4                |   | < 0.00104         |    | < 0.00521 |    | < 0.00261    |                  | < 0.00678     |   | -                | < 0.102 |       | 6.92   |       | 13.6  |                         | 20.5  |
|              |             | 2-3                   | -                       | -   | < 20.5                |   | < 0.00105         |    | < 0.00526 |    | < 0.00263    |                  | < 0.00684     |   | -                | < 0.103 |       | 2.12   | J     | 4.96  |                         | 7.08  |
| AH-8         | 3/3/2021    | 0-1                   | -                       | -   | 62.0                  |   | < 0.00140         |    | < 0.00701 |    | < 0.00351    |                  | < 0.00912     |   | -                | 0.0458  | J     | 2.81   | J     | 4.48  | J                       | 7.34  |
|              |             | 2-3                   | -                       | -   | 17.3                  | J | < 0.00115         |    | < 0.00577 |    | < 0.00289    |                  | < 0.00751     |   | -                | < 0.108 |       | 3.62   | J     | 4.07  | J                       | 7.69  |
| AH-9         | 5/5/2021    | 0-1                   | 384                     | -   | < 21.9                |   | < 0.00119         | J3 | < 0.00594 | J3 | < 0.00297    | J3               | < 0.00773     |   | -                | < 0.109 |       | < 4.38 |       | 6.90  |                         | 6.90  |
|              |             | 2-3                   | 1670                    | -   | 15.0                  | J | < 0.00107         |    | < 0.00537 |    | < 0.00269    |                  | < 0.00699     |   | -                | < 0.104 |       | < 4.15 |       | 3.28  | J                       | 3.28  |
| AH-11 (2022) | 12/12/2022  | 0-1                   | 69                      |     | 32.0                  |   | <0.050            |    | <0.050    |    | <0.050       |                  | <0.150        |   | -                | <10.0   |       | <10.0  |       | <10.0 |                         | -     |
| AH-12 (2022) | 12/12/2022  | 0-1                   | 37.3                    |     | 32.0                  |   | <0.050            |    | <0.050    |    | <0.050       |                  | <0.150        |   | -                | <10.0   |       | <10.0  |       | <10.0 |                         | -     |

NOTES:

- ft. Feet
- bgs Below ground surface
- ppm Parts per million
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- ORO Oil range organics
- 1 EPA Method 300.0
- 2 EPA Method 8260B
- 3 EPA Method 8015
- 4 EPA Method 8015D/GRO

**Bold and italicized values indicate exceedance of proposed RRALs and/or reclamation requirements for soils above 4 feet bgs outside of oil and gas operations.**

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

- B The same analyte is found in the associated blank.
- J The identification of the analyte is acceptable; the reported value is an estimate.
- J3 The associated batch QC was outside the established quality control range for precision.

TABLE 3  
SUMMARY OF ANALYTICAL RESULTS  
FORMER RESERVE PIT SOIL ASSESSMENT - NRM2007952227  
CONOCOPHILLIPS  
JAMES E #001 TUBING LINE RELEASE  
EDDY COUNTY, NM

| Sample ID    | Sample Date | Sample Depth Interval | Field Screening Results |     | Chloride <sup>1</sup> |   | BTEX <sup>2</sup> |   |              |   |               | TPH <sup>3</sup> |                  |   |       |         |       |        |                         |       |   |               |
|--------------|-------------|-----------------------|-------------------------|-----|-----------------------|---|-------------------|---|--------------|---|---------------|------------------|------------------|---|-------|---------|-------|--------|-------------------------|-------|---|---------------|
|              |             |                       | Chloride                | PID | Benzene               |   | Toluene           |   | Ethylbenzene |   | Total Xylenes |                  | GRO <sup>4</sup> |   | DRO   |         | ORO   |        | Total TPH (GRO+DRO+ORO) |       |   |               |
|              |             |                       | 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 |               |
| AH-4         | 3/3/2021    | 0-1                   | -                       | -   | < 11.2                |   | < 0.00143         |   | < 0.00716    |   | < 0.00358     |                  | < 0.00931        |   | -     | 0.0913  | B J   | < 4.87 |                         | 1.41  | J | 1.50          |
|              |             | 2-3                   | -                       | -   | 518                   |   | < 0.00107         |   | < 0.00534    |   | < 0.00267     |                  | < 0.00694        |   | -     | < 0.103 |       | 3.92   | J                       | 6.69  |   | 10.6          |
| AH-5         | 3/3/2021    | 0-1                   | -                       | -   | < 20.7                |   | < 0.00107         |   | < 0.00533    |   | < 0.00266     |                  | < 0.00692        |   | -     | 0.0550  | B J   | 6.58   |                         | 15.1  |   | 21.7          |
|              |             | 2-3                   | -                       | -   | <b>812</b>            |   | < 0.00166         |   | < 0.00829    |   | < 0.00415     |                  | < 0.0108         |   | -     | < 0.133 |       | < 5.31 |                         | 1.46  | J | 1.46          |
| AH-10 (2022) | 12/12/2022  | 0-1                   | 61.2                    | -   | 16.0                  |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-10        | 3/22/2023   | 0-1                   | -                       | -   | 288                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 1-2                   | -                       | -   | 352                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 2-3                   | -                       | -   | 464                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 3-4                   | -                       | -   | <b>1,330</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-10E       | 3/22/2023   | 0-1                   | -                       | -   | <b>2,400</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-10E-2     | 5/10/2023   | 0-1                   | -                       | -   | 112                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-10W       | 3/22/2023   | 0-1                   | -                       | -   | 16.0                  |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-11        | 3/22/2023   | 0-1                   | -                       | -   | 592                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 1-2                   | -                       | -   | <b>1,150</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 2-3                   | -                       | -   | <b>1,840</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 3-4                   | -                       | -   | <b>1,880</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-11E       | 3/22/2023   | 0-1                   | -                       | -   | <b>976</b>            |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-11W       | 3/22/2023   | 0-1                   | -                       | -   | 176                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-12        | 3/22/2023   | 0-1                   | -                       | -   | 128                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 1-2                   | -                       | -   | <b>672</b>            |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 2-3                   | -                       | -   | <b>1,310</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 3-4                   | -                       | -   | <b>1,740</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-12E       | 3/22/2023   | 0-1                   | -                       | -   | 144                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-12W       | 3/22/2023   | 0-1                   | -                       | -   | <b>832</b>            |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-13        | 3/22/2023   | 0-1                   | -                       | -   | 384                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 1-2                   | -                       | -   | 336                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 2-3                   | -                       | -   | <b>1,040</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
|              |             | 3-4                   | -                       | -   | <b>1,250</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-13E       | 3/22/2023   | 0-1                   | -                       | -   | <b>1,220</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH13W        | 3/22/2023   | 0-1                   | -                       | -   | 288                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH-14        | 3/22/2023   | 0-1                   | -                       | -   | <b>896</b>            |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | 144    |                         | 22.22 |   | <b>166.22</b> |
|              |             | 1-2                   | -                       | -   | <b>2,280</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | 695    |                         | 192   |   | <b>887</b>    |
|              |             | 2-3                   | -                       | -   | <b>5,520</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | 2,490  |                         | 606   |   | <b>3,096</b>  |
|              |             | 3-4                   | -                       | -   | <b>4,320</b>          |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | 889    |                         | 168   |   | <b>1,057</b>  |
| AH-14E       | 3/22/2023   | 0-1                   | -                       | -   | 80.0                  |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |
| AH14W        | 3/22/2023   | 0-1                   | -                       | -   | 544                   |   | <0.050            |   | <0.050       |   | <0.050        |                  | <0.150           |   | -     | <10.0   |       | <10.0  |                         | <10.0 |   | -             |

TABLE 3  
SUMMARY OF ANALYTICAL RESULTS  
FORMER RESERVE PIT SOIL ASSESSMENT - NRM2007952227  
CONOCOPHILLIPS  
JAMES E #001 TUBING LINE RELEASE  
EDDY COUNTY, NM

| Sample ID | Sample Date | Sample Depth Interval | Field Screening Results |     | Chloride <sup>1</sup> |       | BTEX <sup>2</sup> |   |              |   |               |   | TPH <sup>3</sup> |       |                  |       |       |       |       |       |                            |            |
|-----------|-------------|-----------------------|-------------------------|-----|-----------------------|-------|-------------------|---|--------------|---|---------------|---|------------------|-------|------------------|-------|-------|-------|-------|-------|----------------------------|------------|
|           |             |                       | Chloride                | PID | Benzene               |       | Toluene           |   | Ethylbenzene |   | Total Xylenes |   | Total BTEX       |       | GRO <sup>4</sup> |       | DRO   |       | ORO   |       | Total TPH<br>(GRO+DRO+ORO) |            |
|           |             |                       | 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      |
| BH-5      | 5/10/2023   | 5-6                   | -                       | -   | 2600                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | 412   |       | 111   |                            | <b>523</b> |
|           |             | 7-8                   | -                       | -   | 3280                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | 134   |       | <10.0 |                            | <b>134</b> |
|           |             | 9-10                  | -                       | -   | 2880                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 14-15                 | -                       | -   | 4800                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 19-20                 | -                       | -   | 5200                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 24-25                 | -                       | -   | 6260                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 29-30                 | -                       | -   | 4320                  | QM-07 | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 34-35                 | -                       | -   | 3920                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 39-40                 | -                       | -   | 5200                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 44-45                 | -                       | -   | 4400                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 49-50                 | -                       | -   | 5760                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 54-55                 | -                       | -   | 4640                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 59-60                 | -                       | -   | 4560                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 64-65                 | -                       | -   | 4160                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
| 69-70     | -           | -                     | 4320                    |     | <0.050                |       | <0.050            |   | <0.050       |   | <0.150        |   | -                | <10.0 |                  | <10.0 |       | <10.0 |       | -     |                            |            |
| 74-75     | -           | -                     | 3600                    |     | <0.050                |       | <0.050            |   | <0.050       |   | <0.150        |   | -                | <10.0 |                  | <10.0 |       | <10.0 |       | -     |                            |            |
| 79-80     | -           | -                     | 240                     |     | <0.050                |       | <0.050            |   | <0.050       |   | <0.150        |   | -                | <10.0 |                  | <10.0 |       | <10.0 |       | -     |                            |            |
| BH-6      | 5/10/2023   | 5-6                   | -                       | -   | 1360                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 7-8                   | -                       | -   | 2480                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 9-10                  | -                       | -   | 6000                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 14-15                 | -                       | -   | 6400                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
|           |             | 19-20                 | -                       | -   | 5200                  |       | <0.050            |   | <0.050       |   | <0.050        |   | <0.150           |       | -                | <10.0 |       | <10.0 |       | <10.0 |                            | -          |
| 24-25     | -           | -                     | 3760                    |     | <0.050                |       | <0.050            |   | <0.050       |   | <0.150        |   | -                | <10.0 |                  | <10.0 |       | <10.0 |       | -     |                            |            |

NOTES:

ft. Feet  
bgs Below ground surface  
ppm Parts per million  
mg/kg Milligrams per kilogram  
TPH Total Petroleum Hydrocarbons  
GRO Gasoline range organics  
DRO Diesel range organics  
ORO Oil range organics

**Bold and italicized values indicate exceedance of proposed RRALs and/or reclamation requirements for soils above 4 feet bgs outside of oil and gas operations.**

Shaded rows indicate intervals proposed for excavation.

- 1 EPA Method SM4500CI-B
- 2 EPA Method 8021B
- 3 EPA Method 8015
- 4 EPA Method 8015D/GRO

QUALIFIERS:

- B The same analyte is found in the associated blank.
- J The identification of the analyte is acceptable; the reported value is an estimate.

TABLE 4  
 SUMMARY OF ANALYTICAL RESULTS  
 BACKGROUND SOIL ASSESSMENT - NRM2007952227  
 CONOCOPHILLIPS  
 JAMES E #001 TUBING LINE RELEASE  
 EDDY COUNTY, NM

| Sample ID | Sample Date | Sample Depth Interval | Chloride <sup>1</sup> |   |
|-----------|-------------|-----------------------|-----------------------|---|
|           |             | ft. bgs               | mg/kg                 | Q |
| BG-1      | 2/28/2023   | 0-1                   | 16                    |   |
|           |             | 2-3                   | 144                   |   |
|           |             | 4-5                   | 384                   |   |
|           |             | 6-7                   | 480                   |   |
|           |             | 9-10                  | 720                   |   |
|           |             | 14-15                 | 1200                  |   |
|           |             | 19-20                 | 976                   |   |
|           |             | 24-25                 | 320                   |   |
|           |             | 29-30                 | 224                   |   |
|           |             | 34-35                 | 160                   |   |
|           |             | 39-40                 | 176                   |   |
|           |             | 44-45                 | 48                    |   |
|           |             | 49-50                 | 80                    |   |

NOTES:

- ft.            Feet
- bgs          Below ground surface
- ppm         Parts per million
- mg/kg       Milligrams per kilogram
- 1             EPA Method 300.0

TABLE 5  
 SUMMARY OF ANALYTICAL RESULTS  
 SOIL REMEDIATION-nRM2007952227  
 JAMES E #001 TUBING LINE RELEASE  
 CONOCOPHILLIPS  
 32.408538°, -103.849342°

| Sample ID | Sample Date | Chloride <sup>1</sup><br>mg/kg | BTEX <sup>2</sup> |                  |                       |                        |                     | TPH <sup>3</sup>                          |  |  |   |
|-----------|-------------|--------------------------------|-------------------|------------------|-----------------------|------------------------|---------------------|---|--|--|---|
|           |             |                                | Benzene<br>mg/kg  | Toluene<br>mg/kg | Ethylbenzene<br>mg/kg | Total Xylenes<br>mg/kg | Total BTEX<br>mg/kg | GRO                                       | DRO  | EXT DRO                                      | Total TPH<br>(GRO+DRO+EXT DRO)<br>mg/kg |
|           |             |                                |                   |                  |                       |                        |                     | C <sub>6</sub> - C <sub>10</sub><br>mg/kg | > C <sub>10</sub> - C <sub>28</sub><br>mg/kg | > C <sub>28</sub> - C <sub>36</sub><br>mg/kg |   |
| NSW-1     | 1/6/2026    | <16.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| SSW-1     | 1/6/2026    | 48.0                           | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| ESW-1     | 1/6/2026    | 16.0                           | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| ESW-2     | 1/6/2026    | 64.0                           | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| ESW-3     | 1/6/2026    | 112.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| ESW-4     | 1/6/2026    | 16.0                           | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| ESW-5     | 1/6/2026    | <16.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| ESW-6     | 1/6/2026    | 208.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| ESW-7     | 1/6/2026    | 192.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| ESW-8     | 1/6/2026    | 208.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| WSW-1     | 1/6/2026    | 48.0                           | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| WSW-2     | 1/6/2026    | <16.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| WSW-3     | 1/6/2026    | 16.0                           | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| WSW-4     | 1/6/2026    | <16.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| WSW-5     | 1/6/2026    | 16.0                           | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| WSW-6     | 1/6/2026    | <16.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| WSW-7     | 1/6/2026    | 272.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| WSW-8     | 1/6/2026    | 48.0                           | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| FS-1      | 1/7/2026    | 208.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| FS-2      | 1/7/2026    | 1710.0                         | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| FS-3      | 1/7/2026    | 2280.0                         | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| FS-4      | 1/7/2026    | 2560.0                         | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| FS-5      | 1/7/2026    | 2120.0                         | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| FS-6      | 1/7/2026    | 4040.0                         | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| FS-7      | 1/7/2026    | 848.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| FS-8      | 1/7/2026    | 800.0                          | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |
| FS-9      | 1/7/2026    | 2040.0                         | <0.050            | <0.050           | <0.050                | <0.150                 | <0.300              | <10.0                                     | <10.0  | <10.0  | <30.0                                   |

TABLE 5  
 SUMMARY OF ANALYTICAL RESULTS  
 SOIL REMEDIATION-nRM2007952227  
 JAMES E #001 TUBING LINE RELEASE  
 CONOCOPHILLIPS  
 32.408538°, -103.849342°

| Sample ID | Sample Date | Chloride <sup>1</sup> | BTEX <sup>2</sup> |         |              |               |            | TPH <sup>3</sup>                 |                                     |                                     |                                |
|-----------|-------------|-----------------------|-------------------|---------|--------------|---------------|------------|----------------------------------|-------------------------------------|-------------------------------------|--------------------------------|
|           |             |                       | Benzene           | Toluene | Ethylbenzene | Total Xylenes | Total BTEX | GRO                              | DRO                                 | EXT DRO                             | Total TPH<br>(GRO+DRO+EXT DRO) |
|           |             |                       |                   |         |              |               |            | C <sub>6</sub> - C <sub>10</sub> | > C <sub>10</sub> - C <sub>28</sub> | > C <sub>28</sub> - C <sub>36</sub> |                                |
| mg/kg     | mg/kg       | mg/kg                 | mg/kg             | mg/kg   | mg/kg        | mg/kg         | mg/kg      | mg/kg                            | mg/kg                               |                                     |                                |
| FS-10     | 1/7/2026    | 1120.0                | <0.050            | <0.050  | <0.050       | <0.150        | <0.300     | <10.0                            | <10.0                               | <10.0                               | <30.0                          |
| FS-11     | 1/7/2026    | 1600.0                | <0.050            | <0.050  | <0.050       | <0.150        | <0.300     | <10.0                            | <10.0                               | <10.0                               | <30.0                          |
| FS-12     | 1/7/2026    | 976.0                 | <0.050            | <0.050  | <0.050       | <0.150        | <0.300     | <10.0                            | <10.0                               | <10.0                               | <30.0                          |
| FS-13     | 1/7/2026    | 736.0                 | <0.050            | <0.050  | <0.050       | <0.150        | <0.300     | <10.0                            | <10.0                               | <10.0                               | <30.0                          |
| FS-14     | 1/7/2026    | 1250.0                | <0.050            | <0.050  | <0.050       | <0.150        | <0.300     | <10.0                            | <10.0                               | <10.0                               | <30.0                          |
| FS-15     | 1/7/2026    | 3920.0                | <0.050            | <0.050  | <0.050       | <0.150        | <0.300     | <10.0                            | <10.0                               | <10.0                               | <30.0                          |

NOTES:

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

TABLE 6  
 SUMMARY OF ANALYTICAL RESULTS  
 SOIL BACKFILL - RED RICH TOPSOIL PIT  
 JAMES E #001  
 CONOCOPHILLIPS  
 32.408538°, -103.849342°

| Sample ID            | Sample Date | Chloride <sup>1</sup> | BTEX <sup>2</sup> |         |              |               |            | TPH <sup>3</sup>                 |                                     |                                     |                                |
|----------------------|-------------|-----------------------|-------------------|---------|--------------|---------------|------------|----------------------------------|-------------------------------------|-------------------------------------|--------------------------------|
|                      |             |                       | Benzene           | Toluene | Ethylbenzene | Total Xylenes | Total BTEX | GRO                              | DRO                                 | EXT DRO                             | Total TPH<br>(GRO+DRO+EXT DRO) |
|                      |             |                       |                   |         |              |               |            | C <sub>6</sub> - C <sub>10</sub> | > C <sub>10</sub> - C <sub>28</sub> | > C <sub>28</sub> - C <sub>36</sub> |                                |
| mg/kg                | mg/kg       | mg/kg                 | mg/kg             | mg/kg   | mg/kg        | mg/kg         | mg/kg      | mg/kg                            | mg/kg                               |                                     |                                |
| BACKFILL - COMPOSITE | 1/7/2026    | 80.0                  | <0.050            | <0.050  | <0.050       | <0.150        | <0.300     | <10.0                            | <10.0                               | <10.0                               | <30.0                          |

- 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

# **APPENDIX A C-141 Forms**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

|                |               |
|----------------|---------------|
| Incident ID    | NRM2007952227 |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

## Release Notification

### Responsible Party

|  |   |
|--|---|
| Responsible Party ConocoPhillips                           | OGRID <b>217817</b>                               |
| Contact Name – Charles Beauvais                            | Contact Telephone +575-988-2043                   |
| Contact email – charles.r.beauvais@conocophillips.com      | Incident # (assigned by OCD) <b>NRM2007952227</b> |
| Contact mailing address – 15 W London Rd, Loving, NM 88220 |   |

### Location of Release Source

Latitude ~~32.4123~~ **32.408516°** Longitude ~~-103.8486~~ **-103.849337°**  
(NAD 83 in decimal degrees to 5 decimal places)

|   |  |
|---|--|
| Site Name: <del>James E Federal (Lower) Battery</del> <b>James E #001</b> | Site Type: <del>Battery</del> <b>Tube Line Valve</b>                       |
| Date Release Discovered: 03/16/2020                                       | API# (if applicable) <del>NMNM0479142 lease code</del> <b>30-015-20996</b> |

| Unit Letter       | Section | Township | Range | County      |
|-------------------|---------|----------|-------|-------------|
| <b>B</b> <b>G</b> | 11      | 22S      | 30E   | Eddy County |

Surface Owner:  State  Federal  Tribal  Private (Name: *BLM*)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

|  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Crude Oil      | Volume Released (bbls) 1.75   | Volume Recovered (bbls) 0   |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 7  | Volume Recovered (bbls) 0   |
|  | Is the concentration of dissolved chloride in the produced water > 10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate                | Volume Released (bbls)  | Volume Recovered (bbls)   |
| <input type="checkbox"/> Natural Gas               | Volume Released (Mcf)   | Volume Recovered (Mcf)  |
| <input type="checkbox"/> Other (describe)          | Volume/Weight Released (provide units)  | Volume/Weight Recovered (provide units)                             |

#### Cause of Release

Check valve on the tubing line developed a small hole due to corrosion on the bottom of the valve.

|                |               |
|----------------|---------------|
| Incident ID    | NRM2007952227 |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

|   |   |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release?<br><br>An authorized release of a volume, excluding gas, in excess of 25 bbls. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?                          |   |

### Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

|  |
|--|
| <input checked="" type="checkbox"/> The source of the release has been stopped.<br><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.   |
| If all the actions described above have <u>not</u> been undertaken, explain why:<br><br><br>   |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.  |
| 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: <u>Charles Beauvais</u> Title: <u>Environmental Coordinator</u><br>Signature: <u>[Signature]</u> Date: <u>3/17/2020</u><br>email: <u>charles.r.beauvais@conocophillips.com</u> Telephone: <u>575-988-2043</u>  |
| NRM2007952227 incident number. C-141 resubmitted with corrections via the payment portal on 9/17/2020. crb   |
| <u>OCD Only</u><br>Received by: <u>Ramona Marcus</u> Date: <u>3/19/2020</u>  |

|                |              |
|----------------|--------------|
| Incident ID    | NRM007952227 |
| 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?   | >105 (ft bgs)   |
| Did this release impact groundwater or surface water?   | <input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  | <input type="checkbox"/> Yes <input checked="" 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.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

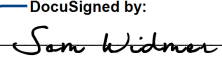
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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    | NRM007952227 |
| 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: Sam widmer Title: Principal Program Manager  
 Signature:  Date: Jul-01-2025  
 email: 5454CA5BAD33498...sam.widmer@conocophillips.com Telephone: 907-227-1777

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

|                |              |
|----------------|--------------|
| Incident ID    | NRM007952227 |
| District RP    |              |
| Facility ID    |              |
| Application ID |              |

## Remediation Plan

**Remediation Plan Checklist:** Each of the following items must be included in the plan.

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Sam widmer Title: Principal Program Manager

Signature:  Date: Jul-01-2025

email: 5454CA5BAD33498... Sam.Widmer@conocophillips.com Telephone: 907-227-1777

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: \_\_\_\_\_ 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: Sam widmer Title: Principal Program Manager  
 Signed by: *Sam Widmer* Date: Feb-26-2026  
 Signature: *Sam Widmer*  
 email: Sam.widmer@conocophillips.com Telephone: 907-227-1777

**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**

# Active Mines in New Mexico



6/16/2025, 2:23:44 PM

1:144,448

Registered Mines

× Aggregate, Stone etc.



Aggregate, Stone etc.



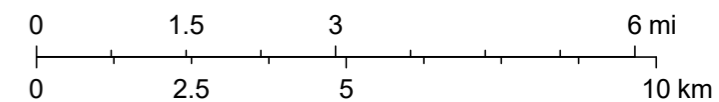
Aggregate, Stone etc.



Potash



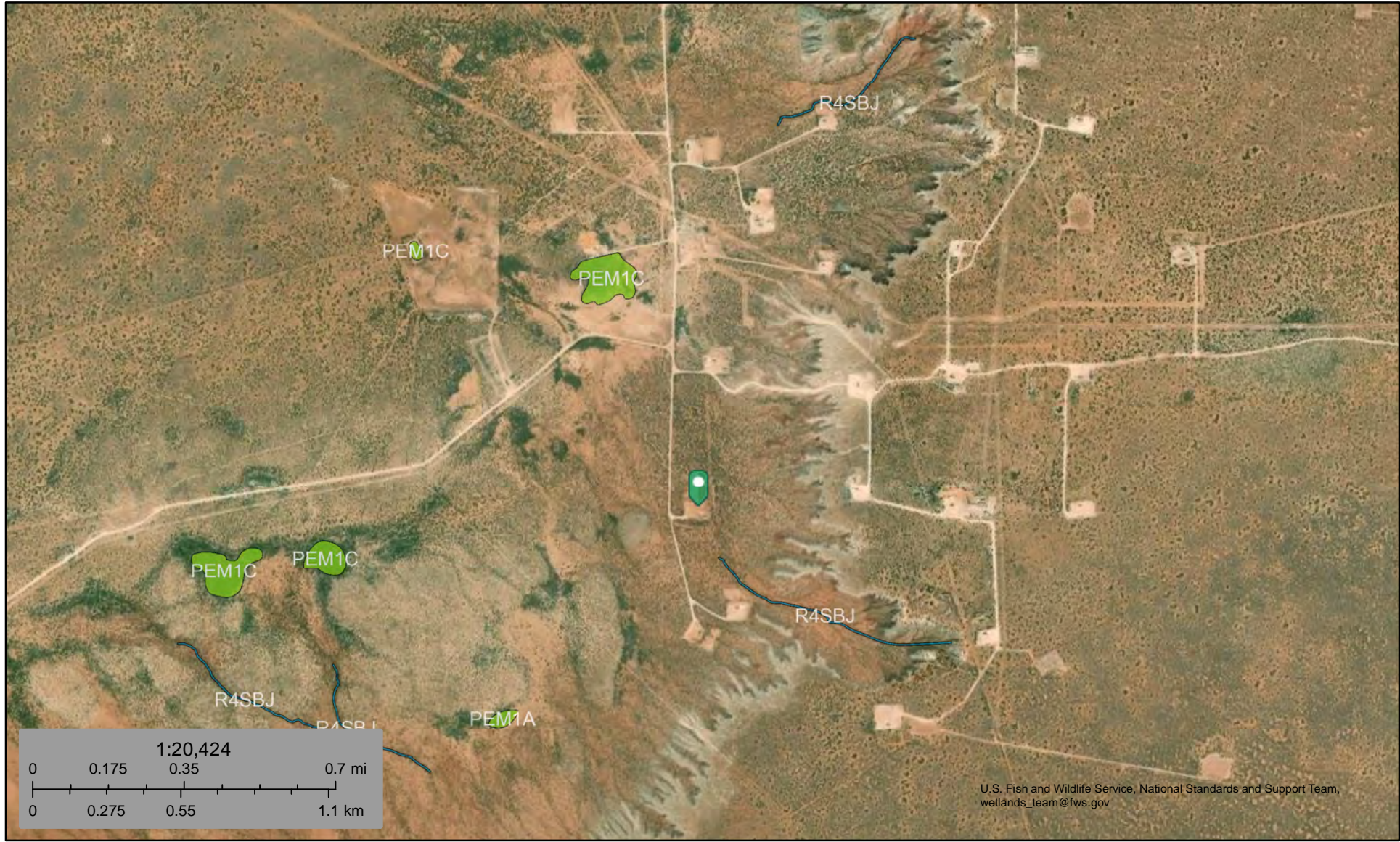
Salt



Earthstar Geographics



# National Wetlands



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

June 16, 2025

### Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Other
- Riverine

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

# National Flood Hazard Layer FIRMette



103°51'16"W 32°24'46"N



## Legend

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

|                            |  |   |
|----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS |  | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i> |
|                            |  | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>            |
|                            |  | 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 <i>Zone X</i> |
|                             |  | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  |
|                             |  | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>  |
|                             |  | Area with Flood Risk due to Levee <i>Zone D</i>  |

|             |  |  |
|-------------|--|--|
| OTHER AREAS |  | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
|             |  | Effective LOMRs                                      |

|                    |  |                                  |
|--------------------|--|----------------------------------|
| 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  |
|                |  | Coastal Transect  |
|                |  | Base Flood Elevation Line (BFE)                                   |
|                |  | Limit of Study  |
|                |  | Jurisdiction Boundary   |

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

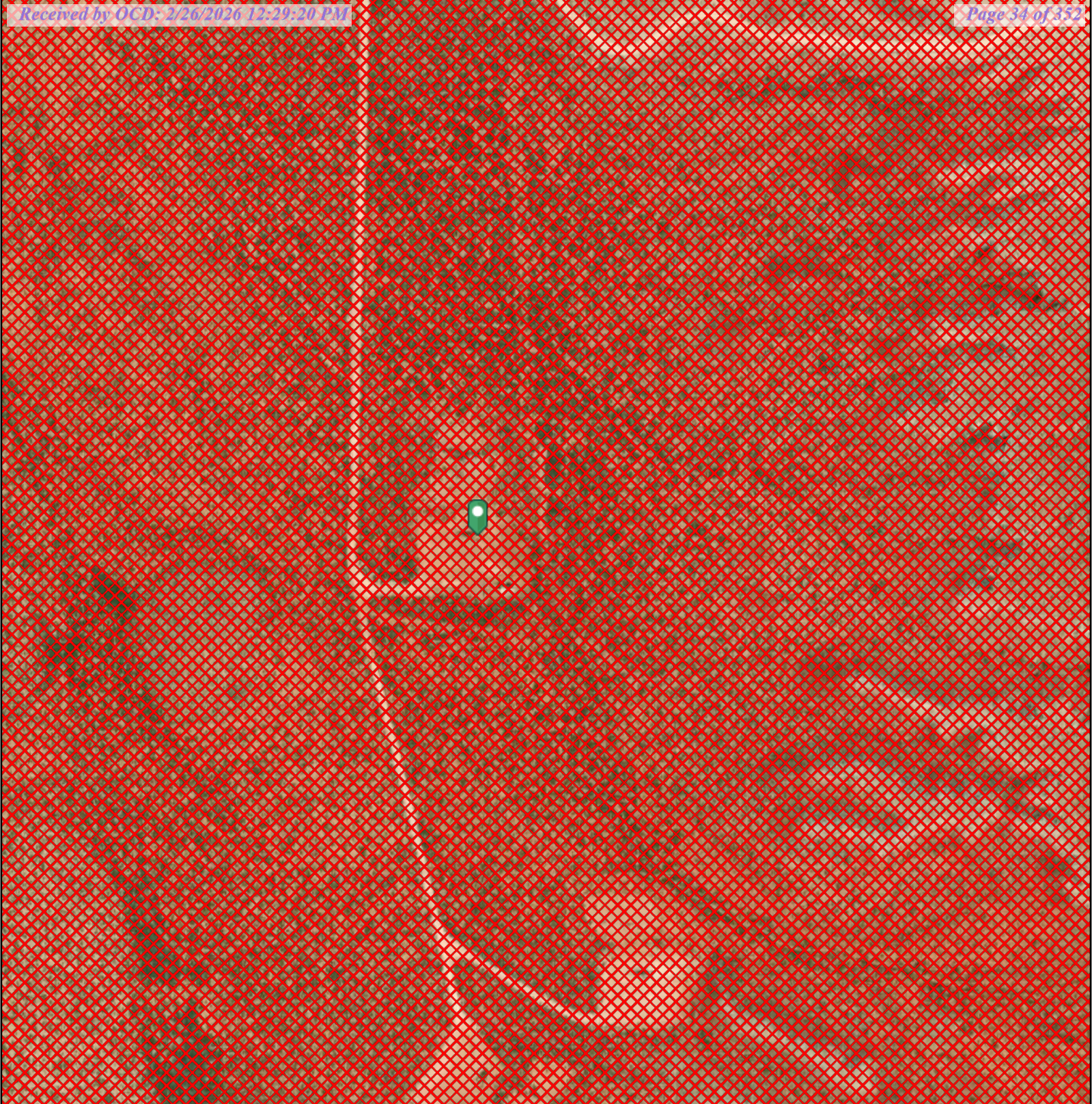
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/16/2025 at 7:27 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.

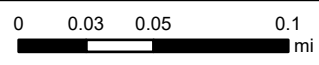
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

Released to Imaging: 3/11/2026 11:31:20 AM

1:6,000 Basemap Imagery Source: USGS National Map 2023



### NMSLO Land Status




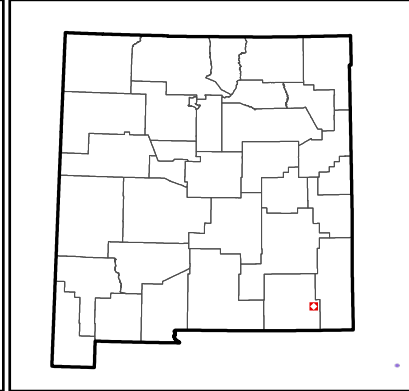
**New Mexico State Land Office**

Disclaimer:  
 The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

Released to Imaging: 3/11/2026 11:31:20 AM  
 Map Created: 6/16/2025

- |  |  |
|--|--|
|  Oil and Gas Leasing Restrictions |  Commercial Leases            |
|  Energy Leases                    |  New Mexico State Trust Lands |
|  Agricultural Leases              |  Subsurface Estate            |
|  Oil and Gas Leases               |  Surface Estate               |
|  Minerals Leases                  |  Both Estates                 |

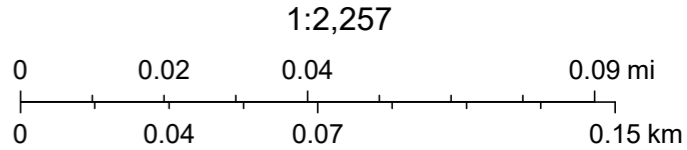


# OCD Hydrology



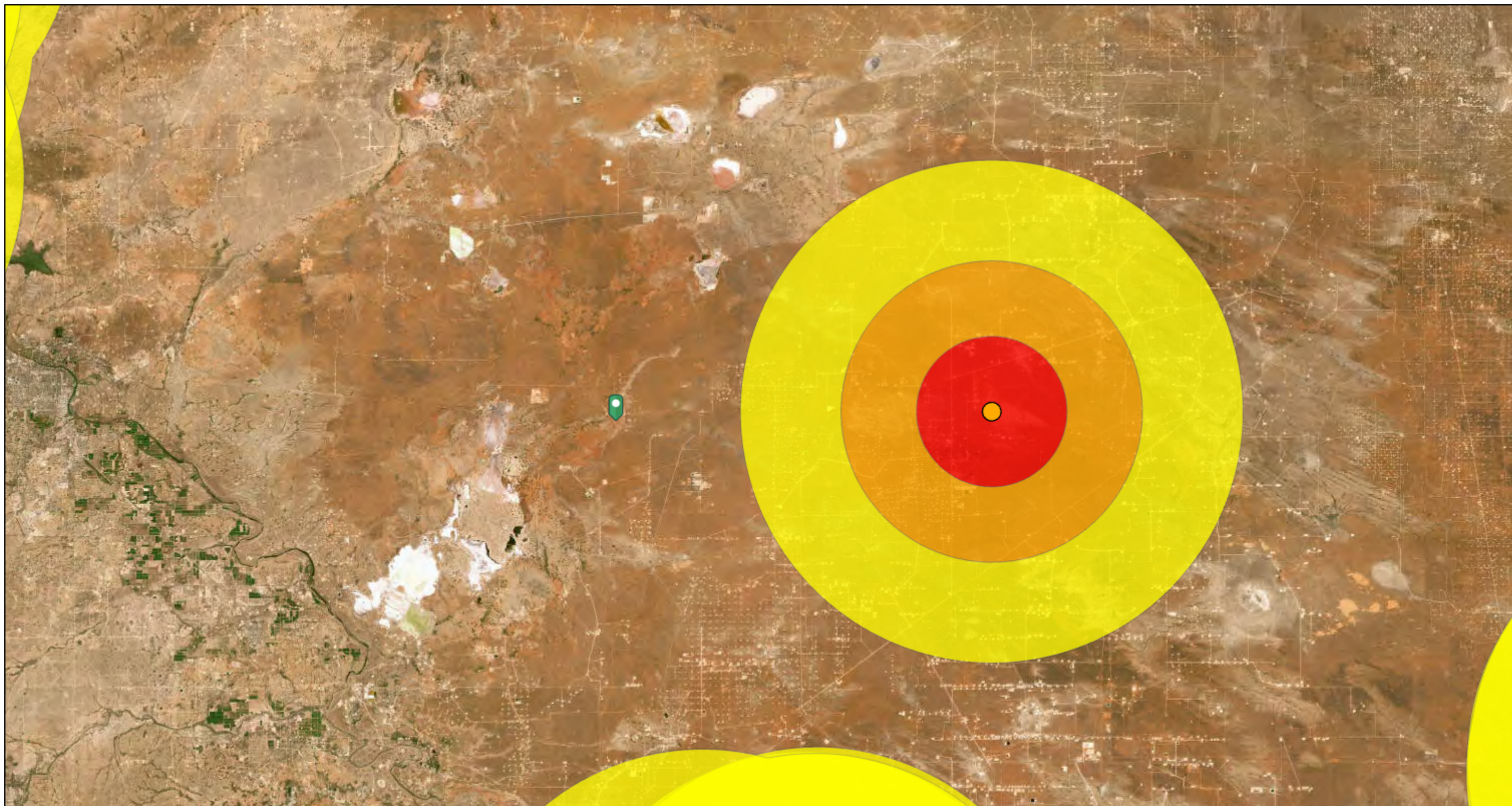
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— OSE Streams



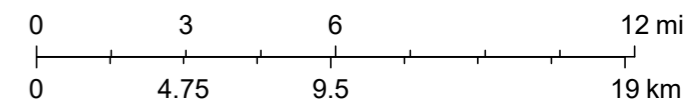
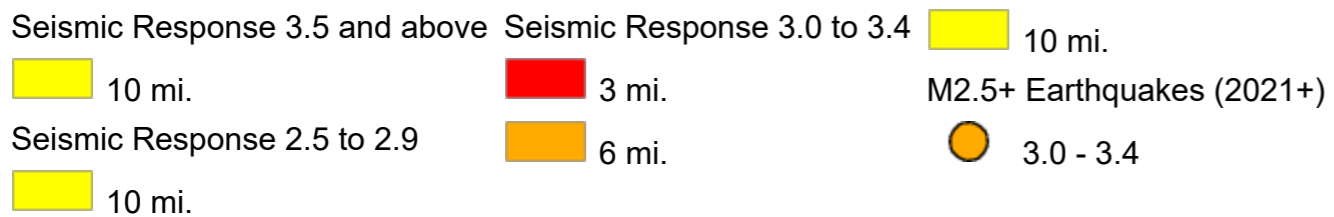
Maxar, Microsoft, NM OSE

# OCD Induced Seismicity Area



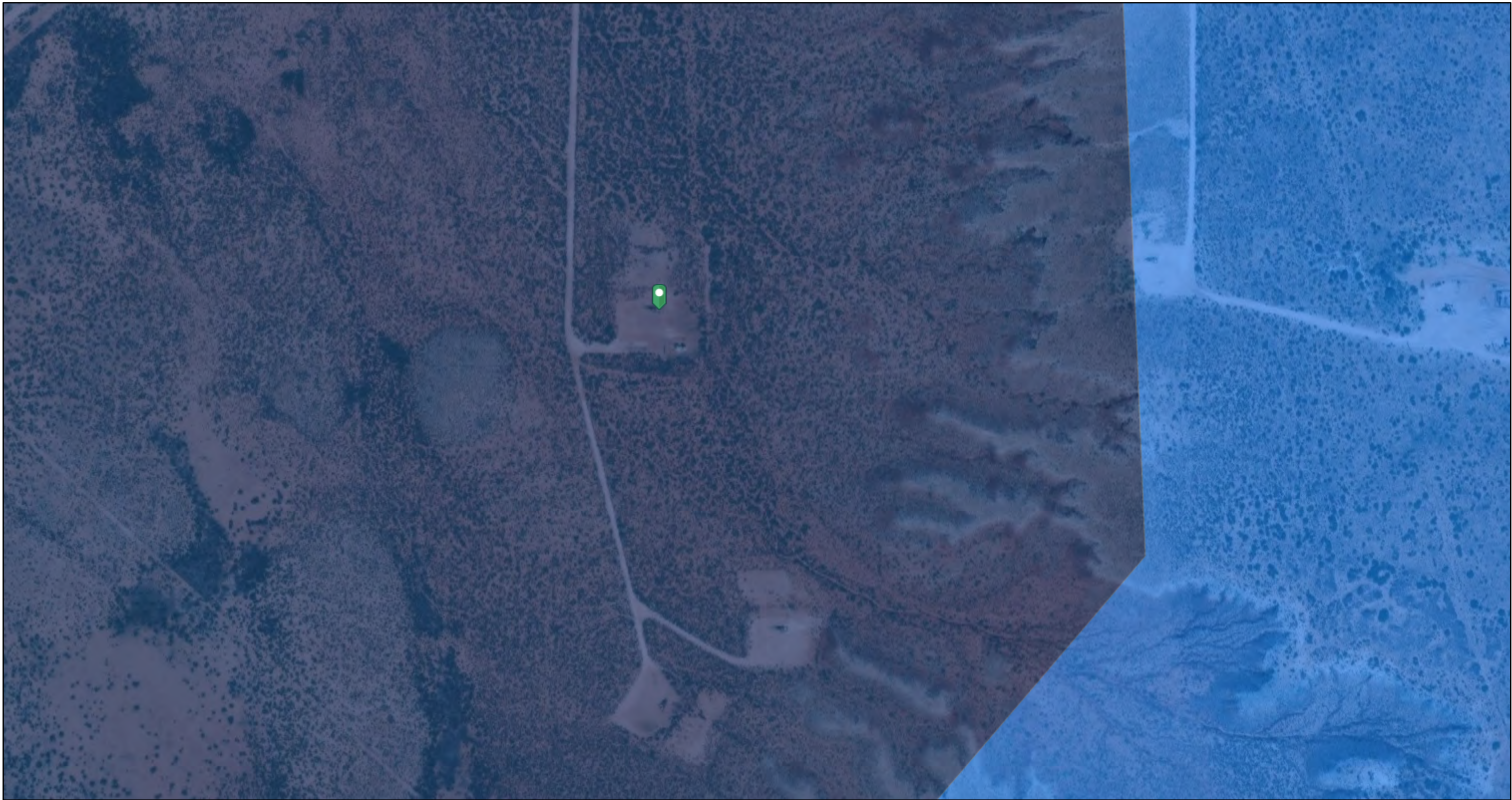
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Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), Earthstar Geographics

# OCD Karst Potential

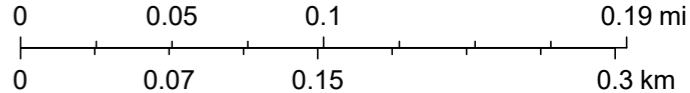


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Karst Occurrence Potential

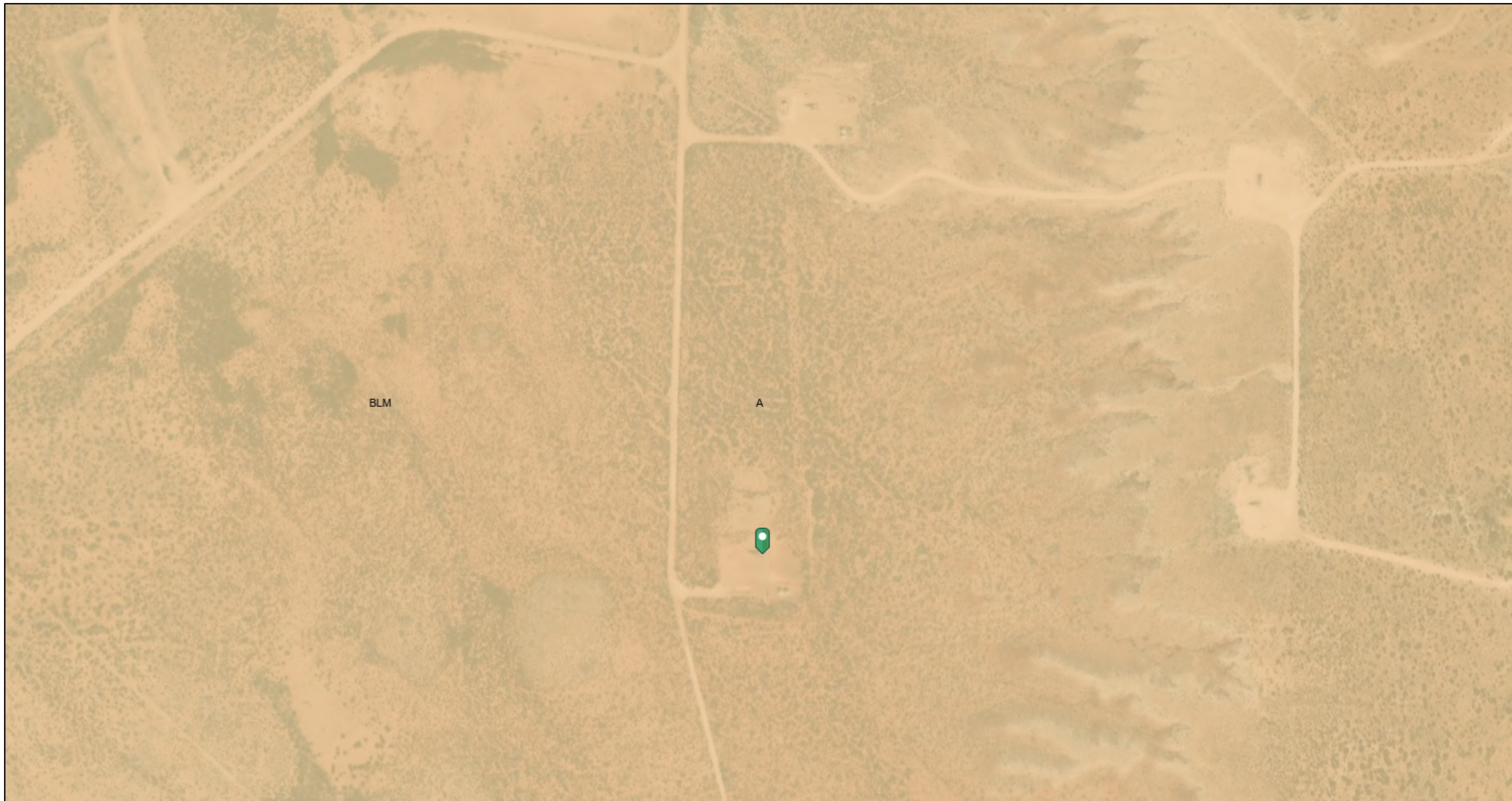
- High
- Medium

1:4,514



BLM, OCD, New Mexico Tech, Maxar

# OCD Mineral & Surface Ownership



6/16/2025, 2:07:36 PM

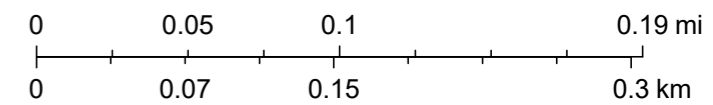
Mineral Ownership

A-All minerals are owned by U.S.

Land Ownership

BLM

1:4,514



U.S. BLM, Maxar



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

| POD Number                      | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X        | Y           | Map | (meters) | (In feet)  |             |              |
|---------------------------------|------|-----------|--------|-----|-----|----|-----|-----|-------|----------|-------------|-----|----------|------------|-------------|--------------|
|                                 |      |           |        |     |     |    |     |     |       |          |             |     | Distance | Well Depth | Depth Water | Water Column |
| <a href="#">C 04528 POD1</a>    |      | CUB       | ED     | NW  | SW  | SW | 12  | 22S | 30E   | 608886.4 | 3585625.1   |     | 959      |            |             |              |
| <a href="#">C 02749</a>         |      | CUB       | ED     | NW  | NW  | NW | 18  | 22S | 31E   | 610556.0 | 3585146.0 * |     | 2619     | 640        |             |              |
| <a href="#">C 02750</a>         |      | CUB       | ED     | NW  | NW  | NW | 18  | 22S | 31E   | 610556.0 | 3585146.0 * |     | 2619     | 741        |             |              |
| <a href="#">C 02751</a>         |      | CUB       | ED     | NW  | NW  | NW | 18  | 22S | 31E   | 610556.0 | 3585146.0 * |     | 2619     | 637        |             |              |
| <a href="#">C 02723</a>         |      | CUB       | ED     | NE  | NE  | SW | 15  | 22S | 30E   | 606282.0 | 3584363.0 * |     | 2729     | 651        |             |              |
| <a href="#">C 03234 EXPLORE</a> |      | CUB       | ED     | NW  | NE  | SW | 35  | 21S | 30E   | 607695.0 | 3589207.0 * |     | 2950     | 410        |             |              |
| <a href="#">C 03003</a>         |      | CUB       | ED     | SW  | NW  | SW | 31  | 21S | 31E   | 610511.0 | 3588970.0 * |     | 3527     | 650        |             |              |
| <a href="#">C 02950 EXPL</a>    |      | CUB       | ED     | SE  | NE  | SE | 23  | 22S | 30E   | 608740.0 | 3582576.0 * |     | 3762     | 845        |             |              |
| <a href="#">C 03002</a>         |      | CUB       | ED     | SE  | NE  | SE | 06  | 22S | 31E   | 611933.0 | 3587375.0 * |     | 3880     | 668        |             |              |
| <a href="#">C 02637</a>         |      | CUB       | ED     | NW  | SW  | SW | 24  | 22S | 30E   | 608950.0 | 3582377.0 * |     | 3993     | 759        |             |              |
| <a href="#">C 03015</a>         |      | CUB       | ED     | NW  | SE  | SW | 22  | 22S | 30E   | 606099.0 | 3582353.0 * |     | 4473     | 1316       | 262         | 1054         |
| <a href="#">C 04773 POD1</a>    |      | CUB       | ED     | SE  | SE  | SE | 24  | 22S | 30E   | 610415.0 | 3582262.6   |     | 4603     | 55         |             |              |
| <a href="#">C 02748</a>         |      | CUB       | ED     | NW  | NE  | SW | 17  | 22S | 31E   | 612576.0 | 3584364.0 * |     | 4780     | 3856       |             |              |
| <a href="#">C 02683</a>         |      | CUB       | ED     | SW  | NW  | NW | 20  | 22S | 31E   | 612184.0 | 3583356.0 * |     | 4950     | 840        |             |              |

Average Depth to Water: **262 feet**

Minimum Depth: **262 feet**

Maximum Depth: **262 feet**

**Record Count:** 14

**Basin/County Search:**

**County:** ED

**UTM Filters (in meters):**

**Easting:** 608204.74

**Northing:** 3586300.45

**Radius:** 5000

\* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

|               |                   |                                      |                |
|---------------|-------------------|--------------------------------------|----------------|
| 212C-MD-02413 | <b>TETRA TECH</b> | <b>LOG OF BORING James E 001 DTW</b> | Page<br>1 of 2 |
|---------------|-------------------|--------------------------------------|----------------|

Project Name: James E #001 Tubing Line Release

Borehole Location: GPS Coordinates: 32.408042°, -103.849478°      Surface Elevation (ft): 3209

Borehole Number: James E 001 DTW      Borehole Diameter (in.): 8      Date Started: 2/28/2023      Date Finished: 2/28/2023

| DEPTH (ft) | OPERATION TYPES | SAMPLE | STANDARD PENETRATION TEST | PID (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT | PLASTICITY INDEX | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS  |                                       | DEPTH (ft) | WELL DIAGRAM          |
|------------|-----------------|--------|---------------------------|-----------|---------------------|----------------------|-------------------|--------------|------------------|-------------------|-------------|---|---------------------------------------|------------|-----------------------|
|            |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | While Drilling  | 24 Hours After Completion of Drilling |            |                       |
|            |                 |        | SPT                       |           |                     |                      |                   |              |                  |                   |             | WATER LEVEL OBSERVATIONS<br>While Drilling <u>∇</u> DRY ft      24 Hours After Completion of Drilling <u>∇</u> DRY ft<br>Remarks: |                                       |            |                       |
|            |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | MATERIAL DESCRIPTION  |                                       |            |                       |
| 5          |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SP- SAND: Reddish brown, partially cemented, fine-grained, with trace caliche, dry.  | 4                                     |            | Bentonite Chip Seal   |
| 8          |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SP- SAND: Reddish brown, loose, coarse to fine-grained, poorly sorted, with moderate to trace caliche, dry.                      | 8                                     |            |                       |
| 10         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SP- SAND: Light tan to light brown, loose, coarse to fine-grained, moderately to poorly sorted, with caliche gravel, dry.        | 22                                    |            |                       |
| 15         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, fine to very fine-grained, with trace caliche, dry.  | 42                                    |            |                       |
| 20         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, coarse to fine-grained, with occasional caliche fragments, dry.                                      | 42                                    |            |                       |
| 25         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, coarse to fine-grained, with occasional caliche fragments, dry.                                      | 42                                    |            |                       |
| 30         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, coarse to fine-grained, with occasional caliche fragments, dry.                                      | 42                                    |            |                       |
| 35         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, coarse to fine-grained, with occasional caliche fragments, dry.                                      | 42                                    |            |                       |
| 40         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, coarse to fine-grained, with occasional caliche fragments, dry.                                      | 42                                    |            |                       |
| 45         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, coarse to fine-grained, with occasional caliche fragments, dry.                                      | 42                                    |            |                       |
| 50         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, coarse to fine-grained, with occasional caliche fragments, dry.                                      | 42                                    |            | 2" Sch. 40 PVC Casing |
| 55         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, coarse to fine-grained, with occasional caliche fragments, dry.                                      | 42                                    |            |                       |

|   |  |  |   |  |
|---|--|--|---|--|
| Sampler Types:<br>Split Spoon<br>Shelby<br>Bulk Sample<br>Grab Sample | Acetate Liner<br>Vane Shear<br>California<br>Sonic | Operation Types:<br>Mud Rotary<br>Continuous Flight Auger<br>Hollow Stem Auger | Auger<br>Air Rotary<br>Direct Push<br>HSA | Notes:<br>Surface elevation is an approximate value obtained from Google Earth data. |
|---|--|--|---|--|

Logger: Colton Bickerstaff      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling

|               |                   |                                      |                |
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| 212C-MD-02413 | <b>TETRA TECH</b> | <b>LOG OF BORING James E 001 DTW</b> | Page<br>2 of 2 |
|---------------|-------------------|--------------------------------------|----------------|

Project Name: James E #001 Tubing Line Release

Borehole Location: GPS Coordinates: 32.408042°, -103.849478°      Surface Elevation (ft): 3209

Borehole Number: James E 001 DTW      Borehole Diameter (in.): 8      Date Started: 2/28/2023      Date Finished: 2/28/2023

| DEPTH (ft)                        | OPERATION TYPES | SAMPLE | STANDARD PENETRATION TEST<br>SPT | PID (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT<br>LL | PLASTICITY INDEX<br>PI | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS  |                                       | DEPTH (ft) | WELL DIAGRAM |
|-----------------------------------|-----------------|--------|----------------------------------|-----------|---------------------|----------------------|-------------------|--------------------|------------------------|-------------------|-------------|---|---------------------------------------|------------|--------------|
|                                   |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             | While Drilling  | 24 Hours After Completion of Drilling |            |              |
|                                   |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             | While Drilling <input checked="" type="checkbox"/> DRY ft      24 Hours After Completion of Drilling <input checked="" type="checkbox"/> DRY ft<br>Remarks: |                                       |            |              |
|                                   |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             | MATERIAL DESCRIPTION  |                                       |            |              |
| 60                                |                 |        |                                  |           |                     |                      |                   |                    |                        |                   | 62          | -SW- SAND: Brown to reddish brown, loose, fine to very fine-grained, dry.   |                                       |            |              |
| 65                                |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 70                                |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 75                                |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 80                                |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 85                                |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 90                                |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 95                                |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 100                               |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 105                               |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| Bottom of borehole at 105.0 feet. |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |

|   |  |  |   |  |
|---|--|--|---|--|
| Sampler Types:<br><input checked="" type="checkbox"/> Split Spoon<br><input checked="" type="checkbox"/> Shelby<br><input checked="" type="checkbox"/> Bulk Sample<br><input checked="" type="checkbox"/> Grab Sample | <input checked="" type="checkbox"/> Acetate Liner<br><input checked="" type="checkbox"/> Vane Shear<br><input checked="" type="checkbox"/> California<br><input checked="" type="checkbox"/> Sonic | Operation Types:<br><input checked="" type="checkbox"/> Mud Rotary<br><input checked="" type="checkbox"/> Continuous Flight Auger<br><input checked="" type="checkbox"/> Hollow Stem Auger | <input checked="" type="checkbox"/> Auger<br><input checked="" type="checkbox"/> Air Rotary<br><input checked="" type="checkbox"/> Direct Push<br><input checked="" type="checkbox"/> HSA | Notes:<br>Surface elevation is an approximate value obtained from Google Earth data. |
|---|--|--|---|--|

Logger: Colton Bickerstaff      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling

|               |                   |                           |                |
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| 212C-MD-02413 | <b>TETRA TECH</b> | <b>LOG OF BORING BH-1</b> | Page<br>1 of 2 |
|---------------|-------------------|---------------------------|----------------|

Project Name: James E #001 Tubing Line Release

Borehole Location: GPS: 32.408585°, -103.849342°      Surface Elevation: 3209 ft

Borehole Number: BH-1      Borehole Diameter (in.): 8      Date Started: 2/2/2021      Date Finished: 2/2/2021

| DEPTH (ft) | OPERATION TYPE | SAMPLE | CHLORIDE FIELD SCREENING (ppm) | VOC FIELD SCREENING (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT | PLASTICITY INDEX | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS  |                             |               |
|------------|----------------|--------|--------------------------------|---------------------------|---------------------|----------------------|-------------------|--------------|------------------|-------------------|-------------|---|-----------------------------|---------------|
|            |                |        |                                |                           |                     |                      |                   |              |                  |                   |             | While Drilling  | Upon Completion of Drilling | DEPTH (ft)    |
|            |                |        | ExStik                         | PID                       |                     |                      |                   |              |                  |                   |             | While Drilling <u>∇</u> Dry ft    Upon Completion of Drilling <u>∇</u> Dry ft<br>Remarks:         |                             |               |
| 5          |                |        | 10000                          |                           |                     |                      |                   |              |                  |                   |             | -CALICHE- Light tan, cemented, with occasional brown SILTY SAND (SM), with staining, with no odor | 3                           | BH-1 (0-1')   |
|            |                |        | 10000                          |                           |                     |                      |                   |              |                  |                   |             | -SM- SILTY SAND: Light reddish brown, dry, loose, non-cemented, with no staining, with no odor    |                             | BH-1 (2-3')   |
|            |                |        | 10000                          |                           |                     |                      |                   |              |                  |                   |             |   |                             | BH-1 (4-5')   |
|            |                |        | 1200                           |                           |                     |                      |                   |              |                  |                   |             |   |                             | BH-1 (6-7')   |
| 10         |                |        |                                |                           |                     |                      |                   |              |                  |                   |             | -SP- SAND: reddish brown, dry-moist, loose, non-cemented, with no staining, with no odor          | 9                           | BH-1 (9-10')  |
| 15         |                |        | 900                            |                           |                     |                      |                   |              |                  |                   |             |   |                             | BH-1 (14-15') |
| 20         |                |        | 1800                           |                           |                     |                      |                   |              |                  |                   |             |   |                             | BH-1 (19-20') |
| 25         |                |        | 1400                           |                           |                     |                      |                   |              |                  |                   |             |   |                             | BH-1 (24-25') |

|   |  |   |
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| <b>Sampler Types:</b><br><input checked="" type="checkbox"/> Split Spoon<br><input type="checkbox"/> Shelby<br><input type="checkbox"/> Bulk Sample<br><input type="checkbox"/> Grab Sample<br><input type="checkbox"/> Acetate Liner<br><input type="checkbox"/> Vane Shear<br><input checked="" type="checkbox"/> California<br><input type="checkbox"/> Test Pit | <b>Operation Types:</b><br><input type="checkbox"/> Mud Rotary<br><input type="checkbox"/> Continuous Flight Auger<br><input type="checkbox"/> Wash Rotary<br><input type="checkbox"/> Hand Auger<br><input type="checkbox"/> Air Rotary<br><input type="checkbox"/> Direct Push<br><input type="checkbox"/> Core Barrel | <b>Notes:</b><br>Analytical samples are shown in the remarks column above. Surface elevations are estimated from Google Earth data. |
|---|--|---|

Logger: Joe Tyler      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling

|               |                   |                           |                |
|---------------|-------------------|---------------------------|----------------|
| 212C-MD-02413 | <b>TETRA TECH</b> | <b>LOG OF BORING BH-1</b> | Page<br>2 of 2 |
|---------------|-------------------|---------------------------|----------------|

Project Name: James E #001 Tubing Line Release

Borehole Location: GPS: 32.408585°, -103.849342°      Surface Elevation: 3209 ft

Borehole Number: BH-1      Borehole Diameter (in.): 8      Date Started: 2/2/2021      Date Finished: 2/2/2021

| DEPTH (ft) | OPERATION TYPE | SAMPLE | CHLORIDE FIELD SCREENING (ppm) | VOC FIELD SCREENING (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT | PLASTICITY INDEX | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS |                             |            |         |               |
|------------|----------------|--------|--------------------------------|---------------------------|---------------------|----------------------|-------------------|--------------|------------------|-------------------|-------------|--------------------------|-----------------------------|------------|---------|---------------|
|            |                |        |                                |                           |                     |                      |                   |              |                  |                   |             | While Drilling           | Upon Completion of Drilling | DEPTH (ft) | REMARKS |               |
| 30         |                |        | 1600                           |                           |                     |                      |                   |              |                  |                   |             |                          | ▽                           | Dry ft     | 45      | BH-1 (29-30') |
| 35         |                |        | 1100                           |                           |                     |                      |                   |              |                  |                   |             |                          |                             |            |         | BH-1 (34-35') |
| 40         |                |        | 880                            |                           |                     |                      |                   |              |                  |                   |             |                          |                             |            |         | BH-1 (39-40') |
| 45         |                |        | 150                            |                           |                     |                      |                   |              |                  |                   |             |                          |                             |            |         | BH-1 (44-45') |

Bottom of borehole at 45.0 feet.

|  |   |   |  |  |
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| <b>Sampler Types:</b><br>Split Spoon<br>Shelby<br>Bulk Sample<br>Grab Sample | Acetate Liner<br>Vane Shear<br>California<br>Test Pit | <b>Operation Types:</b><br>Mud Rotary<br>Continuous Flight Auger<br>Wash Rotary | Hand Auger<br>Air Rotary<br>Direct Push<br>Core Barrel | <b>Notes:</b><br>Analytical samples are shown in the remarks column above.<br>Surface elevations are estimated from Google Earth data. |
|--|---|---|--|--|

Logger: Joe Tyler      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling

|               |                   |                           |                |
|---------------|-------------------|---------------------------|----------------|
| 212C-MD-02413 | <b>TETRA TECH</b> | <b>LOG OF BORING BH-2</b> | Page<br>1 of 1 |
|---------------|-------------------|---------------------------|----------------|

Project Name: James E #001 Tubing Line Release

Borehole Location: GPS: 32.408463°, -103.849091°      Surface Elevation: 3209 ft

Borehole Number: BH-2      Borehole Diameter (in.): 8      Date Started: 2/2/2021      Date Finished: 2/2/2021

| DEPTH (ft)                      | OPERATION TYPE | SAMPLE | CHLORIDE FIELD SCREENING (ppm) | VOC FIELD SCREENING (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT | PLASTICITY INDEX | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS   |                             |             |
|---------------------------------|----------------|--------|--------------------------------|---------------------------|---------------------|----------------------|-------------------|--------------|------------------|-------------------|-------------|--|-----------------------------|-------------|
|                                 |                |        |                                |                           |                     |                      |                   |              |                  |                   |             | While Drilling   | Upon Completion of Drilling | DEPTH (ft)  |
|                                 |                |        | ExStik                         | PID                       |                     |                      |                   |              |                  |                   |             | While Drilling <u>∇</u> Dry ft    Upon Completion of Drilling <u>∇</u> Dry ft<br>Remarks:                  |                             |             |
|                                 |                |        | 300                            |                           |                     |                      |                   |              |                  |                   |             | - <b>CALICHE</b> - Light tan, cemented, with occasional brown SILTY SAND (SM), with staining, with no odor |                             | BH-2 (0-1') |
|                                 |                |        | 260                            |                           |                     |                      |                   |              |                  |                   |             | - <b>SM</b> - SILTY SAND: Light reddish brown, dry, loose, non-cemented, with no staining, with no odor    |                             | BH-2 (2-3') |
|                                 |                |        | 481                            |                           |                     |                      |                   |              |                  |                   |             |  |                             | BH-2 (4-5') |
| 5                               |                |        | 552                            |                           |                     |                      |                   |              |                  |                   |             |  |                             | BH-2 (6-7') |
|                                 |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |  |                             |             |
| Bottom of borehole at 7.0 feet. |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |  |                             |             |

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| <b>Sampler Types:</b><br>Split Spoon<br>Shelby<br>Bulk Sample<br>Grab Sample | Acetate Liner<br>Vane Shear<br>California<br>Test Pit | <b>Operation Types:</b><br>Mud Rotary<br>Continuous Flight Auger<br>Wash Rotary | Hand Auger<br>Air Rotary<br>Direct Push<br>Core Barrel | <b>Notes:</b><br>Analytical samples are shown in the remarks column above.<br>Surface elevations are estimated from Google Earth data. |
|--|---|---|--|--|

Logger: Joe Tyler      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling

|               |                   |                           |                |
|---------------|-------------------|---------------------------|----------------|
| 212C-MD-02413 | <b>TETRA TECH</b> | <b>LOG OF BORING BH-3</b> | Page<br>1 of 1 |
|---------------|-------------------|---------------------------|----------------|

Project Name: James E #001 Tubing Line Release

Borehole Location: GPS: 32.408301°, -103.849411°      Surface Elevation: 3209 ft

Borehole Number: BH-3      Borehole Diameter (in.): 8      Date Started: 2/2/2021      Date Finished: 2/2/2021

| DEPTH (ft)                      | OPERATION TYPE | SAMPLE | CHLORIDE FIELD SCREENING (ppm) | VOC FIELD SCREENING (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT | PLASTICITY INDEX | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS   |                             |            |
|---------------------------------|----------------|--------|--------------------------------|---------------------------|---------------------|----------------------|-------------------|--------------|------------------|-------------------|-------------|--|-----------------------------|------------|
|                                 |                |        |                                |                           |                     |                      |                   |              |                  |                   |             | While Drilling   | Upon Completion of Drilling | DEPTH (ft) |
|                                 |                |        | ExStik                         | PID                       |                     |                      |                   |              |                  |                   |             | While Drilling <u>∇</u> Dry ft    Upon Completion of Drilling <u>∇</u> Dry ft<br>Remarks:                  |                             |            |
|                                 |                |        | 100                            |                           |                     |                      |                   |              |                  |                   |             | - <b>CALICHE</b> - Light tan, cemented, with occasional brown SILTY SAND (SM), with staining, with no odor | BH-3 (0-1')                 |            |
|                                 |                |        | 80.4                           |                           |                     |                      |                   |              |                  |                   |             | - <b>SM</b> - SILTY SAND: Light reddish brown, dry, loose, non-cemented, with no staining, with no odor    | BH-3 (2-3')                 |            |
|                                 |                |        | 45.1                           |                           |                     |                      |                   |              |                  |                   |             |  | BH-3 (4-5')                 |            |
| 5                               |                |        | 59                             |                           |                     |                      |                   |              |                  |                   |             |  | BH-3 (6-7')                 |            |
| Bottom of borehole at 7.0 feet. |                |        |                                |                           |                     |                      |                   |              |                  |                   |             |  |                             |            |

|  |   |   |  |  |
|--|---|---|--|--|
| <b>Sampler Types:</b><br>Split Spoon<br>Shelby<br>Bulk Sample<br>Grab Sample | Acetate Liner<br>Vane Shear<br>California<br>Test Pit | <b>Operation Types:</b><br>Mud Rotary<br>Continuous Flight Auger<br>Wash Rotary | Hand Auger<br>Air Rotary<br>Direct Push<br>Core Barrel | <b>Notes:</b><br>Analytical samples are shown in the remarks column above.<br>Surface elevations are estimated from Google Earth data. |
|--|---|---|--|--|





Logger: Joe Tyler      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling
















|               |  |                           |                |
|---------------|--|---------------------------|----------------|
| 212C-MD-02413 |  <b>TETRA TECH</b> | <b>LOG OF BORING BH-4</b> | Page<br>1 of 1 |
|---------------|--|---------------------------|----------------|

Project Name: James E #001 Tubing Line Release

Borehole Location: GPS: 32.408431°, -103.849773°      Surface Elevation: 3209 ft

Borehole Number: BH-4      Borehole Diameter (in.): 8      Date Started: 2/2/2021      Date Finished: 2/2/2021

| DEPTH (ft)                      | OPERATION TYPE | SAMPLE | CHLORIDE FIELD SCREENING (ppm) | VOC FIELD SCREENING (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT | PLASTICITY INDEX | MINUS NO. 200 (%) | GRAPHIC LOG   | WATER LEVEL OBSERVATIONS  |   |
|---------------------------------|----------------|--------|--------------------------------|---------------------------|---------------------|----------------------|-------------------|--------------|------------------|-------------------|---|---|---|
|                                 |                |        |                                |                           |                     |                      |                   |              |                  |                   |   | While Drilling  | Upon Completion of Drilling   |
|                                 |                |        | ExStik                         | PID                       |                     |                      |                   |              |                  |                   |   | While Drilling <u>∇</u> Dry ft    Upon Completion of Drilling <u>∇</u> Dry ft<br>Remarks: |   |
| 5                               |                |        | 690                            |                           |                     |                      |                   |              |                  |                   |    | 3   | - <b>CALICHE</b> - Light tan, cemented, with occasional brown SILTY SAND (SM), with staining, with no odor<br><br>BH-4 (0-1') |
|                                 |                |        |                                |                           |                     |                      |                   |              |                  |                   |    | 3   | - <b>SM</b> - SILTY SAND: Light reddish brown, dry, loose, non-cemented, with no staining, with no odor<br><br>BH-4 (2-3')    |
|                                 |                |        | 1000                           |                           |                     |                      |                   |              |                  |                   |  | 3   | BH-4 (4-5')   |
|                                 |                |        |                                |                           |                     |                      |                   |              |                  |                   |  | 7   | BH-4 (6-7')   |
| Bottom of borehole at 7.0 feet. |                |        |                                |                           |                     |                      |                   |              |                  |                   |   |   |   |

|  |   |   |  |  |
|--|---|---|--|--|
| <b>Sampler Types:</b><br> Split Spoon<br> Shelby<br> Bulk Sample<br> Grab Sample |  Acetate Liner<br> Vane Shear<br> California<br> Test Pit | <b>Operation Types:</b><br> Mud Rotary<br> Continuous Flight Auger<br> Wash Rotary |  Hand Auger<br> Air Rotary<br> Direct Push<br> Core Barrel | <b>Notes:</b><br>Analytical samples are shown in the remarks column above.<br>Surface elevations are estimated from Google Earth data. |
|--|---|---|--|--|

Logger: Joe Tyler      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling

|               |                   |                                      |                |
|---------------|-------------------|--------------------------------------|----------------|
| 212C-MD-02413 | <b>TETRA TECH</b> | <b>LOG OF BORING James E 001 DTW</b> | Page<br>1 of 2 |
|---------------|-------------------|--------------------------------------|----------------|

Project Name: James E #001 Tubing Line Release

Borehole Location: GPS Coordinates: 32.408042°, -103.849478° Surface Elevation (ft): 3209

Borehole Number: James E 001 DTW Borehole Diameter (in.): 8 Date Started: 2/28/2023 Date Finished: 2/28/2023

| DEPTH (ft) | OPERATION TYPES | SAMPLE | STANDARD PENETRATION TEST | PID (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT | PLASTICITY INDEX | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS  |                                       | DEPTH (ft) | WELL DIAGRAM        |
|------------|-----------------|--------|---------------------------|-----------|---------------------|----------------------|-------------------|--------------|------------------|-------------------|-------------|---|---------------------------------------|------------|---------------------|
|            |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | While Drilling  | 24 Hours After Completion of Drilling |            |                     |
|            |                 |        | SPT                       |           |                     |                      |                   |              |                  |                   |             | WATER LEVEL OBSERVATIONS<br>While Drilling <u>∇</u> DRY ft    24 Hours After Completion of Drilling <u>∇</u> DRY ft<br>Remarks: |                                       |            |                     |
|            |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | MATERIAL DESCRIPTION  |                                       |            |                     |
| 5          |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SP- SAND: Reddish brown, partially cemented, fine-grained, with trace caliche, dry.  | 4                                     |            | Bentonite Chip Seal |
| 8          |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SP- SAND: Reddish brown, loose, coarse to fine-grained, poorly sorted, with moderate to trace caliche, dry.                    | 8                                     |            |                     |
| 10         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SP- SAND: Light tan to light brown, loose, coarse to fine-grained, moderately to poorly sorted, with caliche gravel, dry.      |                                       |            |                     |
| 15         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             |   |                                       |            |                     |
| 20         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             |   |                                       |            |                     |
| 22         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, fine to very fine-grained, with trace caliche, dry.  | 22                                    |            |                     |
| 25         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             |   |                                       |            |                     |
| 30         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             |   |                                       |            |                     |
| 35         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             |   |                                       |            |                     |
| 40         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             |   |                                       |            |                     |
| 42         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             | -SW- SAND: Light tan, loose, coarse to fine-grained, with occasional caliche fragments, dry.                                    | 42                                    |            |                     |
| 45         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             |   |                                       |            |                     |
| 50         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             |   |                                       |            |                     |
| 55         |                 |        |                           |           |                     |                      |                   |              |                  |                   |             |   |                                       |            |                     |

|   |  |  |   |  |
|---|--|--|---|--|
| Sampler Types:<br>Split Spoon<br>Shelby<br>Bulk Sample<br>Grab Sample | Acetate Liner<br>Vane Shear<br>California<br>Sonic | Operation Types:<br>Mud Rotary<br>Continuous Flight Auger<br>Hollow Stem Auger | Auger<br>Air Rotary<br>Direct Push<br>HSA | Notes:<br>Surface elevation is an approximate value obtained from Google Earth data. |
|---|--|--|---|--|

Logger: Colton Bickerstaff      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling

|               |                   |                                      |                |
|---------------|-------------------|--------------------------------------|----------------|
| 212C-MD-02413 | <b>TETRA TECH</b> | <b>LOG OF BORING James E 001 DTW</b> | Page<br>2 of 2 |
|---------------|-------------------|--------------------------------------|----------------|

Project Name: James E #001 Tubing Line Release

Borehole Location: GPS Coordinates: 32.408042°, -103.849478°      Surface Elevation (ft): 3209

Borehole Number: James E 001 DTW      Borehole Diameter (in.): 8      Date Started: 2/28/2023      Date Finished: 2/28/2023

| DEPTH (ft) | OPERATION TYPES | SAMPLE | STANDARD PENETRATION TEST<br>SPT | PID (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT<br>LL | PLASTICITY INDEX<br>PI | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS  |                                       | DEPTH (ft) | WELL DIAGRAM |
|------------|-----------------|--------|----------------------------------|-----------|---------------------|----------------------|-------------------|--------------------|------------------------|-------------------|-------------|---|---------------------------------------|------------|--------------|
|            |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             | While Drilling  | 24 Hours After Completion of Drilling |            |              |
|            |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             | While Drilling <input checked="" type="checkbox"/> DRY ft      24 Hours After Completion of Drilling <input checked="" type="checkbox"/> DRY ft<br>Remarks: |                                       |            |              |
|            |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             | MATERIAL DESCRIPTION  |                                       |            |              |
| 60         |                 |        |                                  |           |                     |                      |                   |                    |                        |                   | 62          | <div style="border: 1px solid black; padding: 5px;"> <p><b>-SW- SAND:</b> Brown to reddish brown, loose, fine to very fine-grained, dry.</p> </div>         |                                       |            |              |
| 65         |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 70         |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 75         |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 80         |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 85         |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 90         |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 95         |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 100        |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |
| 105        |                 |        |                                  |           |                     |                      |                   |                    |                        |                   |             |   |                                       |            |              |

Bottom of borehole at 105.0 feet.

|   |  |  |   |  |
|---|--|--|---|--|
| Sampler Types:<br><input checked="" type="checkbox"/> Split Spoon<br><input checked="" type="checkbox"/> Shelby<br><input checked="" type="checkbox"/> Bulk Sample<br><input checked="" type="checkbox"/> Grab Sample | <input checked="" type="checkbox"/> Acetate Liner<br><input checked="" type="checkbox"/> Vane Shear<br><input checked="" type="checkbox"/> California<br><input checked="" type="checkbox"/> Sonic | Operation Types:<br><input checked="" type="checkbox"/> Mud Rotary<br><input checked="" type="checkbox"/> Continuous Flight Auger<br><input checked="" type="checkbox"/> Hollow Stem Auger | <input checked="" type="checkbox"/> Auger<br><input checked="" type="checkbox"/> Air Rotary<br><input checked="" type="checkbox"/> Direct Push<br><input checked="" type="checkbox"/> HSA | Notes:<br>Surface elevation is an approximate value obtained from Google Earth data. |
|---|--|--|---|--|

Logger: Colton Bickerstaff      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling

# **APPENDIX C**

## **Goshawk Karst Survey Report**



**KARST SURVEY OF THE PROPOSED  
James E #001 Tubing Line Release  
EDDY COUNTY, NEW MEXICO**

**SECTION 11; TOWNSHIP 22S; RANGE 30E**

**NUMBER: NMNM 0479142**

Report Prepared for:

Bureau of Land Management  
Carlsbad Field Office  
620 E. Greene Street  
Carlsbad, New Mexico 88220

On Behalf of:

ConocoPhillips  
925 N. Eldridge Parkway  
Houston, TX 77079

Report Prepared by:

Goshawk Environmental Consulting, Inc.  
P.O. Box 735  
Buda, Texas 78610

April 2025






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**2.0 METHODOLOGY ..... 1**

2.1 RESOURCE REVIEW ..... 2

2.2 FIELD INVESTIGATION ..... 3

**3.0 CONCLUSIONS AND RECOMMENDATIONS..... 3**

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- B PHOTOGRAPHS**





## 1.0 BACKGROUND

An accidental release of contaminants occurred on a ConocoPhillips (Conoco) tubing line, resulting in approximately 0.05 acres of contaminants being released within a high karst potential occurrence zone.

The release was within gypsum karst terrain, a landform characterized by underground drainage through solutionally enlarged conduits. Gypsum karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes that lead to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers in the region.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) as areas with low, medium, high, or critical karst potential occurrence zones. These zones are based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers. The release occurred in a high karst potential occurrence zone (Map 1), on federally owned land (Map 2).

High karst potential occurrence zones are defined by the BLM as areas in known soluble rock types that exist at surface level or within 300 feet of the surface but may have a shallow insoluble overburden or soils that mask surface features. These areas may contain isolated karst features, such as caves and sinkholes. Sinkholes and cave entrances collect water and can accumulate rich, organic materials and soils. The stable microclimate near cave entrances supports a greater diversity and density of plant life, which provides habitat for a greater diversity and density of wildlife. The interior of the cave supports a large variety of troglobitic, or cave environment-dependent, species. Troglobitic species have adapted specifically to the cave environment due to constant temperatures, constant high humidity, and total darkness.

## 2.0 METHODOLOGY

Goshawk Environmental Consulting, Inc. (Goshawk) conducted a karst survey of the release, which included a resource review, field investigation, and report of findings. The resource review was performed prior to the field investigation to gather site-specific information and evaluate the potential for karst features within the release area. The field investigation included an extensive search for karst features, with special attention given to areas identified in the resource review as potential karst areas. Additionally, former land use practices and modifications were evaluated.

The karst survey was performed in accordance with BLM CFO Karst Survey Requirements. Utilizing GIS software, a 200-meter karst survey corridor was placed around the release area. The resulting survey area covered 47.09 acres. The surveyors walked the survey area systematically, attempting to maintain survey transects spaced no farther than 50 meters apart. Maintaining transects at 50-meter intervals was not always possible due to vegetation and other surface restrictions. Goshawk utilized Avenza Maps to record possible karst features located during the field investigation, as well as to record the surveyor's tracks. Digital photographs of the survey area were taken to document current conditions.





## 2.1 RESOURCE REVIEW

The resource review included inspection of the US Geological Survey (USGS) Livingston Ridge, New Mexico topographic quadrangle; Federal Emergency Management Administration (FEMA) National Flood Hazard Data; Geologic Map of New Mexico; Natural Resources Conservation Service (NRCS) Soil Survey Geographic (SSURGO) database; and recent aerial orthoimagery.

### 2.1.1 USGS Topographic Map

The USGS topographic quadrangle (Map 3) indicates the release area is on gently to moderately sloping terrain. Mapped elevations range from approximately 3,000 to 3,210 feet above mean sea level. The topographic map indicates the karst survey area is within grassland (white background). One unimproved road is mapped intersecting the southeastern corner of the pad on which the release occurred. There are no mapped water features indicated within the release area. However, there are three unnamed tributaries within 350 feet of the release area. The release area is drained by overland sheet flow toward the northwest into the multiple unnamed tributaries dissecting the area. There are no features on the topographic map that would suggest potential karst within the survey area.

### 2.1.2 FEMA National Flood Hazard Data

The FEMA National Flood Hazard data indicates the karst survey area is within Zone X, which is defined as areas outside special flood hazard area (Map 4). The nearest floodplain is approximately 4.8 miles north of the release area.

### 2.1.3 Geologic Map of New Mexico

The geologic map (Map 5) indicates the survey area is underlain by the Piedmont alluvial deposits (Qp). Piedmont alluvial deposits are associated with higher gradient tributaries that border major stream valleys, alluvium from piedmont slopes, and alluvial fans (King 1948). Though it is not uncommon for any of the geologic formations of the area to exhibit karst features, the Geologic Map of New Mexico does not provide specific evidence that karst features may exist within the survey area.

### 2.1.4 Soils Map

The NRCS SSURGO spatial data (Map 6) indicates the soil map units underlying the survey area are Pajarito-Dune land complex (PD). The Pajarito-Dune land complex series consists of very deep and well-drained fine sand soils. These soils are typically found on plains and alluvial fans. Runoff is very slow and permeability is moderately rapid (United States Department of Agriculture). The soil map units do not provide specific evidence of karst features within the survey area.

### 2.1.5 Aerial Orthoimagery

The aerial orthoimagery (Map 7) indicates the survey area is within a sparse shrubland vegetative community. The unimproved road depicted on the topographic map is visible on the aerial orthoimagery as a caliche access road. Channelization within the unnamed tributaries are visible along the tributary corridors. There is no evidence on the aerial orthoimagery that would suggest potential karst features within the survey area.





## 2.2 FIELD INVESTIGATION

Goshawk conducted the field investigation on 25 March 2025 within the karst survey area. The field investigation was conducted on foot by Zane Homesley (Surveyor 1) and Thomas Norris (Surveyor 2). The GPS tracks for the karst surveyors are indicated in Map 8.

Terrain within the survey area was gently to moderately sloping (Photo 1). A caliche well pad was located directly south of the release area. The caliche road identified during the field investigation was consistent with that shown on the aerial orthoimagery.

The vegetative community observed during the field investigation was consistent with that shown on the topographic map and aerial orthoimagery. The shrubland areas appeared to be closely associated with loamy soils (Photo 2). The primary species noted within the shrublands included creosote, honey mesquite, broom snakeweed, prickly pear, fourwing saltbrush, and yucca. Vegetative coverage was estimated at 40-45 percent with good visibility of the ground surface. No potential karst features were observed within the survey area during the field investigation; however, subsurface voids not visible on the surface may still exist.

## 3.0 SUMMARY

Although unidentified subsurface karst features within the survey area are possible, no obvious potential karst features were identified during an extensive survey of the area. Additionally, no impacts to potential karst features by the contaminants released from the tubing line were identified.

## REFERENCES

King, Philip B.

1948 Geology of the Southern Guadalupe Mountains Texas. Geological Survey Professional Paper #215. Pp. 91 and 155. United States Department of the Interior. United States Printing Office, Washington.

New Mexico Bureau of Geology and Mineral Resources

2003 Geologic Map of New Mexico, Scale 1:500,000.

US Department of Agriculture

2007 Electronic document, <https://soilseries.sc.egov.usda.gov/osdname.aspx>, accessed 17 April 2025.

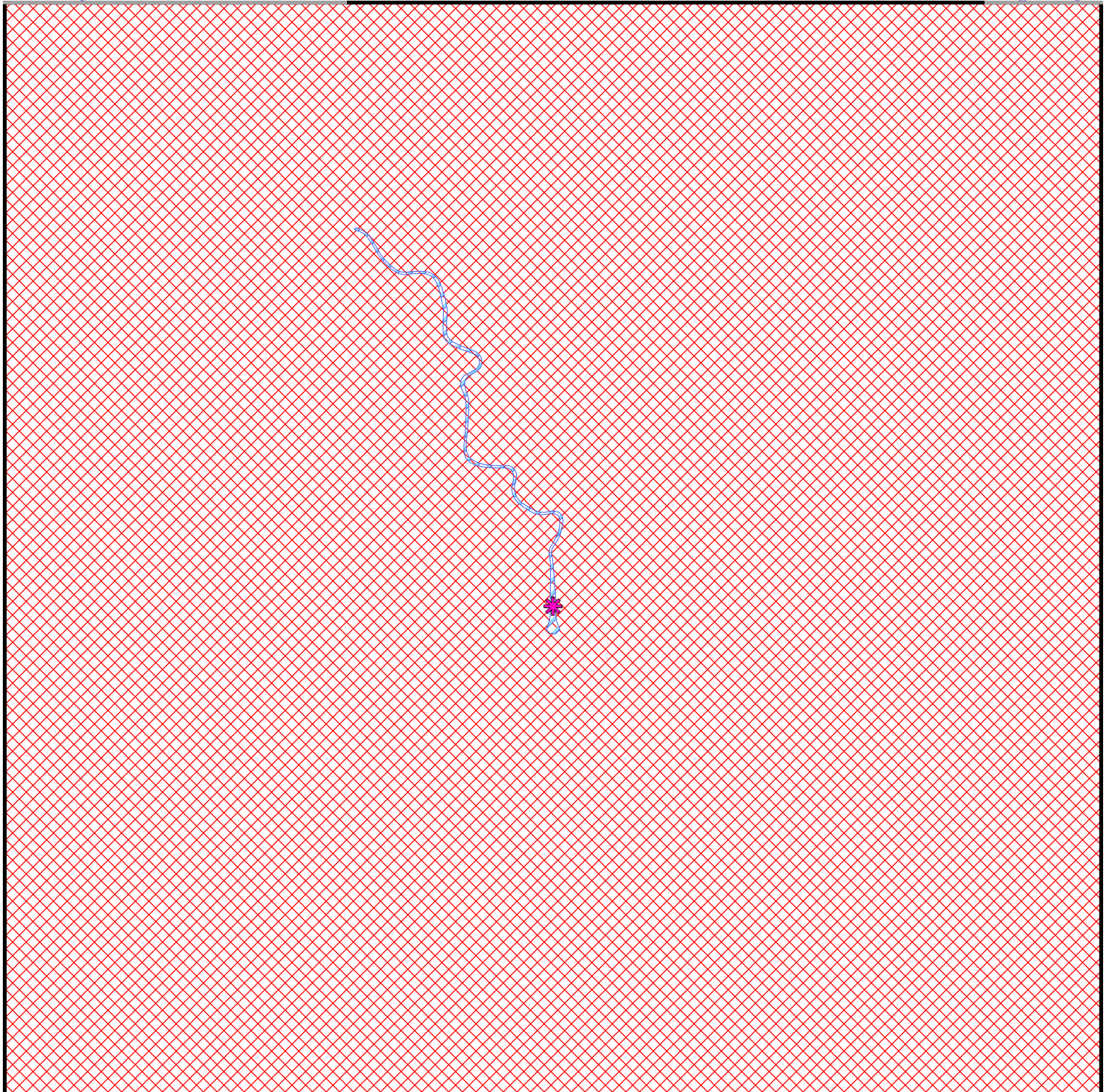







**APPENDIX A**

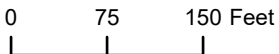
**MAPS**





|   |                  |   |      |
|---|------------------|---|------|
| <b>Accidental Release</b>   |                  | <b>Zone</b>   |      |
|  | Release Location |  | High |
|  | Release Area     |   |      |

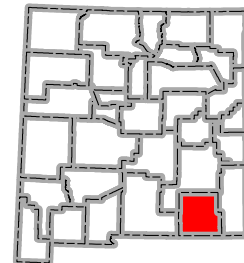
Map Source: U.S. Bureau of Land Management - New Mexico State Office - GIS Data Download.

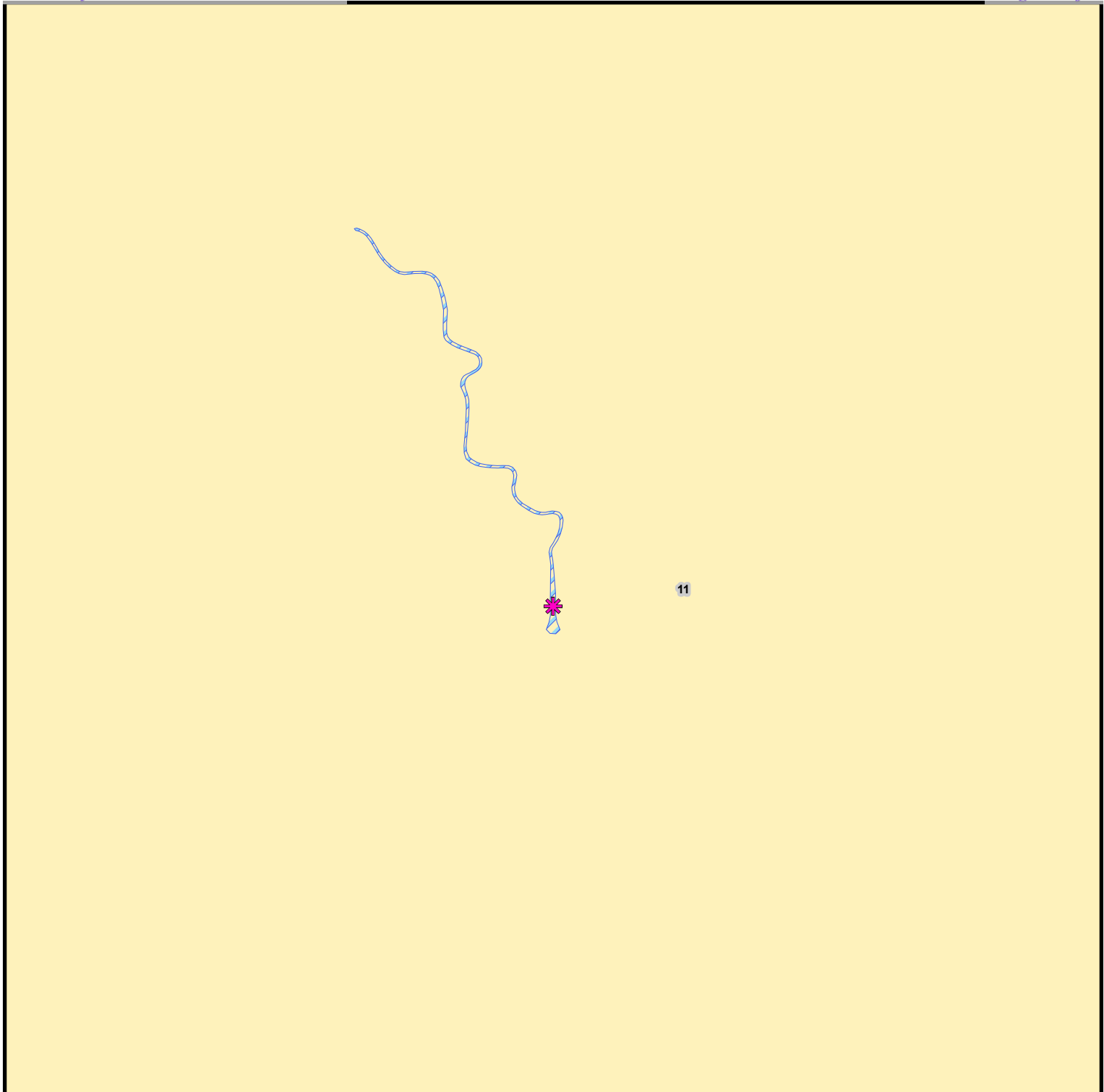


**Map 1**  
 Karst Potential Occurrence Zones  
 Eddy County, New Mexico

**James E #001 Tubing Line**  
 Township 22S; Range 30E; Section 11

Date: 17 April 2025





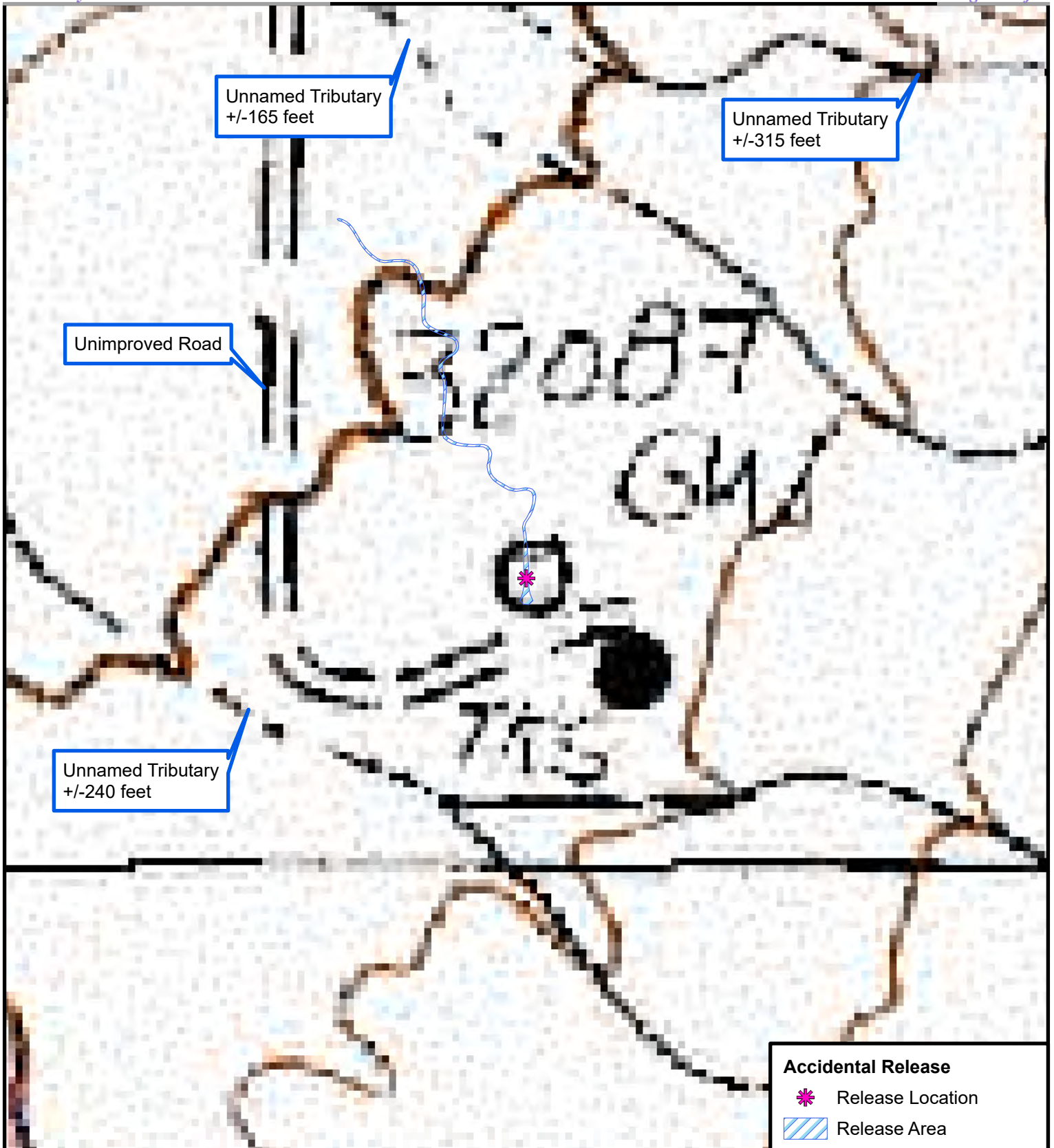
|                           |                           |
|---------------------------|---------------------------|
| <b>Accidental Release</b> | <b>Surface Ownership</b>  |
| Release Location          | Bureau of Land Management |
| Release Area              |                           |

Map Source: U.S. Bureau of Land Management - New Mexico State Office - GIS Data Download.



**Map 2**  
Surface Ownership  
Eddy County, New Mexico

**James E #001 Tubing Line**  
Township 22S; Range 30E; Section 11

Date: 17 April 2025

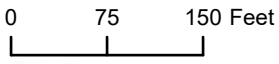


**Accidental Release**

-  Release Location
-  Release Area

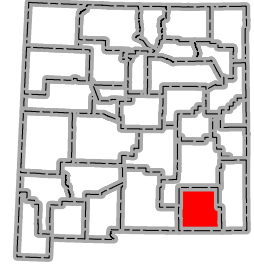
Map Source: USGS, Livingston Ridge, New Mexico Quadrangle.

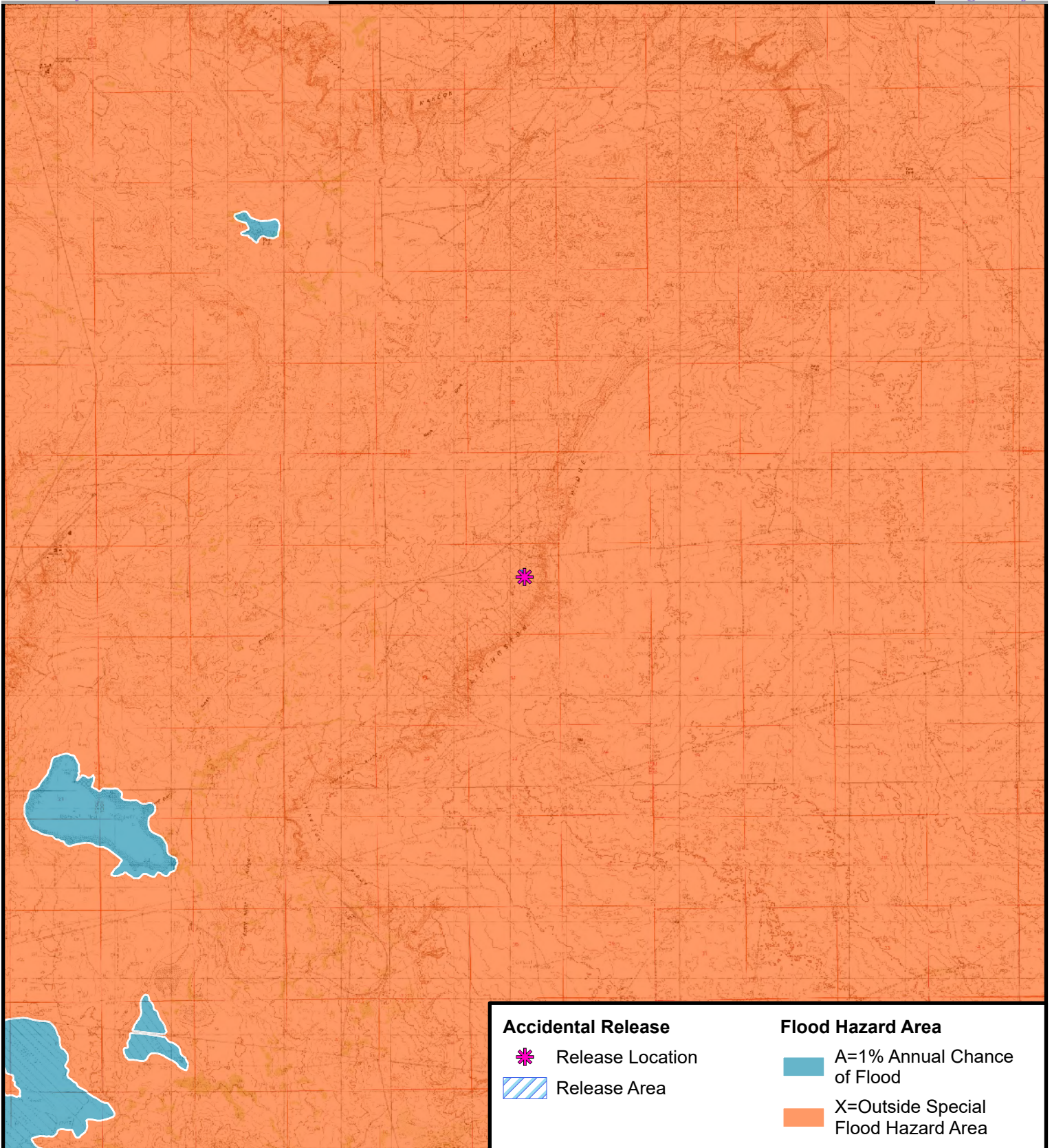
Date: 17 April 2025



**Map 3**  
 USGS Topographic  
 Eddy County, New Mexico

**James E #001 Tubing Line**  
 Township 22S; Range 30E; Section 11





Map Source: FEMA, DFIRM Database, Eddy County, New Mexico; Panels #48013C0500C; Effective Date: November 04, 2010. USGS, Livingston Ridge, New Mexico Quadrangle.

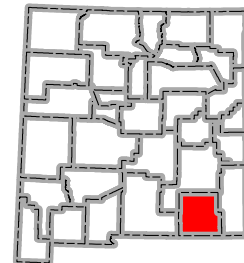
0 3,000 6,000 Feet

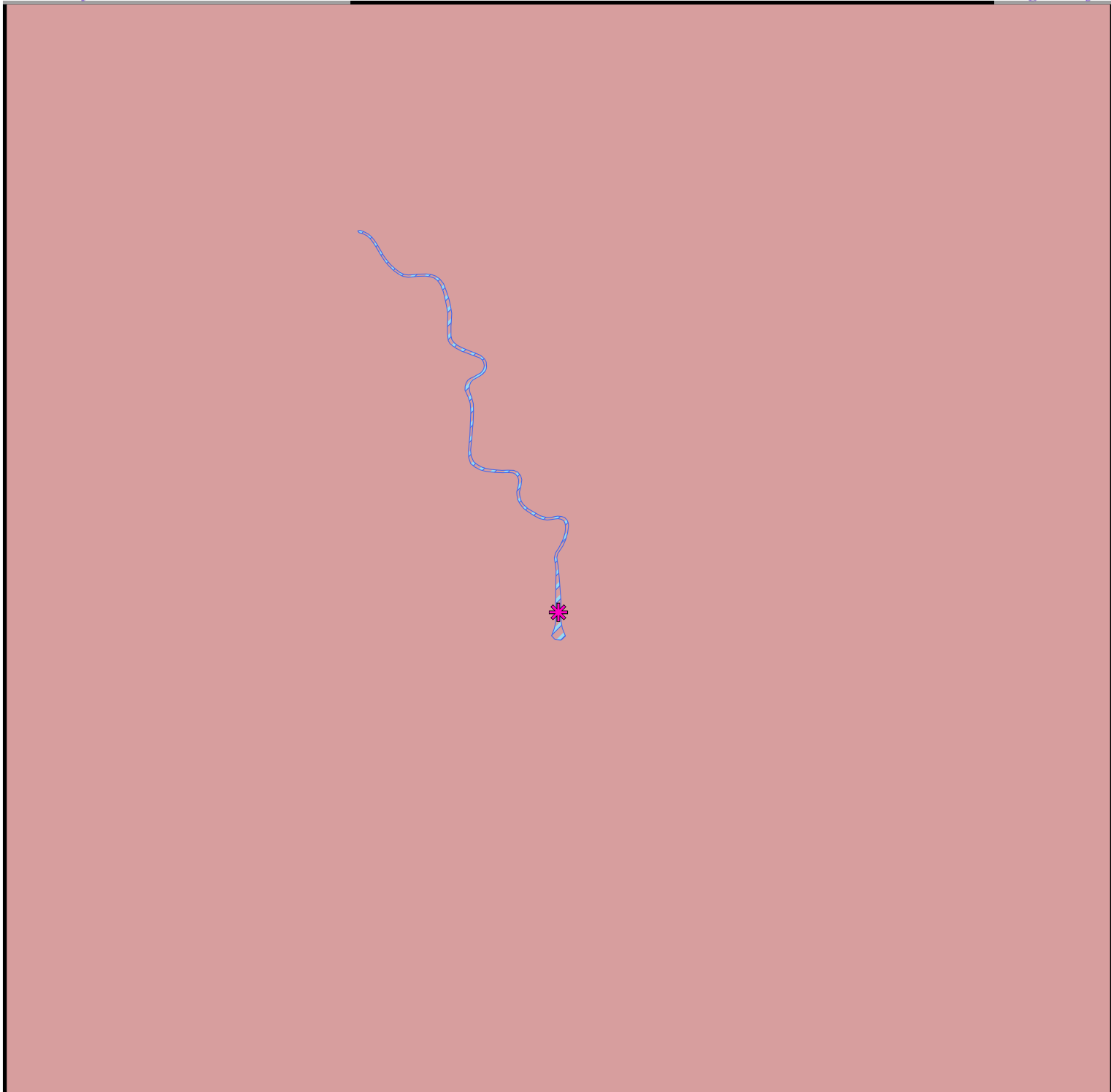


**Map 4**  
FEMA Flood Hazard Area  
Eddy County, New Mexico


**James E #001 Tubing Line**  
Township 22S; Range 30E; Section 11

Date: 17 April 2025





**Accidental Release**

 Release Location

 Release Area

**Geologic Map Units within Survey Area**

 Qp=Piedmont alluvial deposits

Map Source: New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, 1:500,000.

0 75 150 Feet

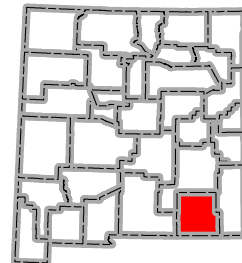


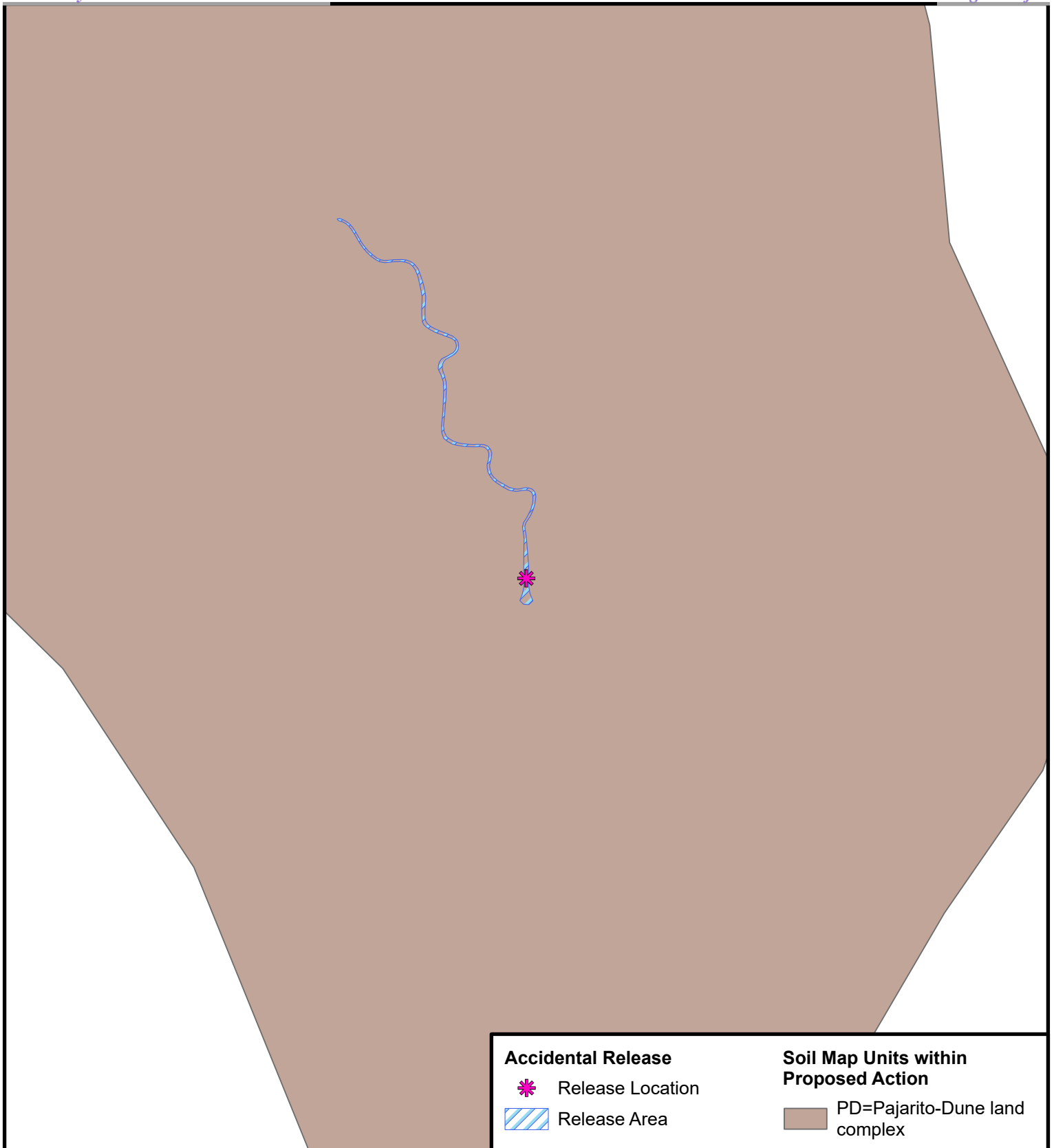
TOWN

**Map 5**  
Geologic Map  
Eddy County, New Mexico

**James E #001 Tubing Line**  
Township 22S; Range 30E; Section 11

Date: 17 April 2025





|   |  |
|---|--|
| <p><b>Accidental Release</b></p> <ul style="list-style-type: none"> <li> Release Location</li> <li> Release Area</li> </ul> | <p><b>Soil Map Units within Proposed Action</b></p> <ul style="list-style-type: none"> <li> PD=Pajarito-Dune land complex</li> </ul> |
|---|--|

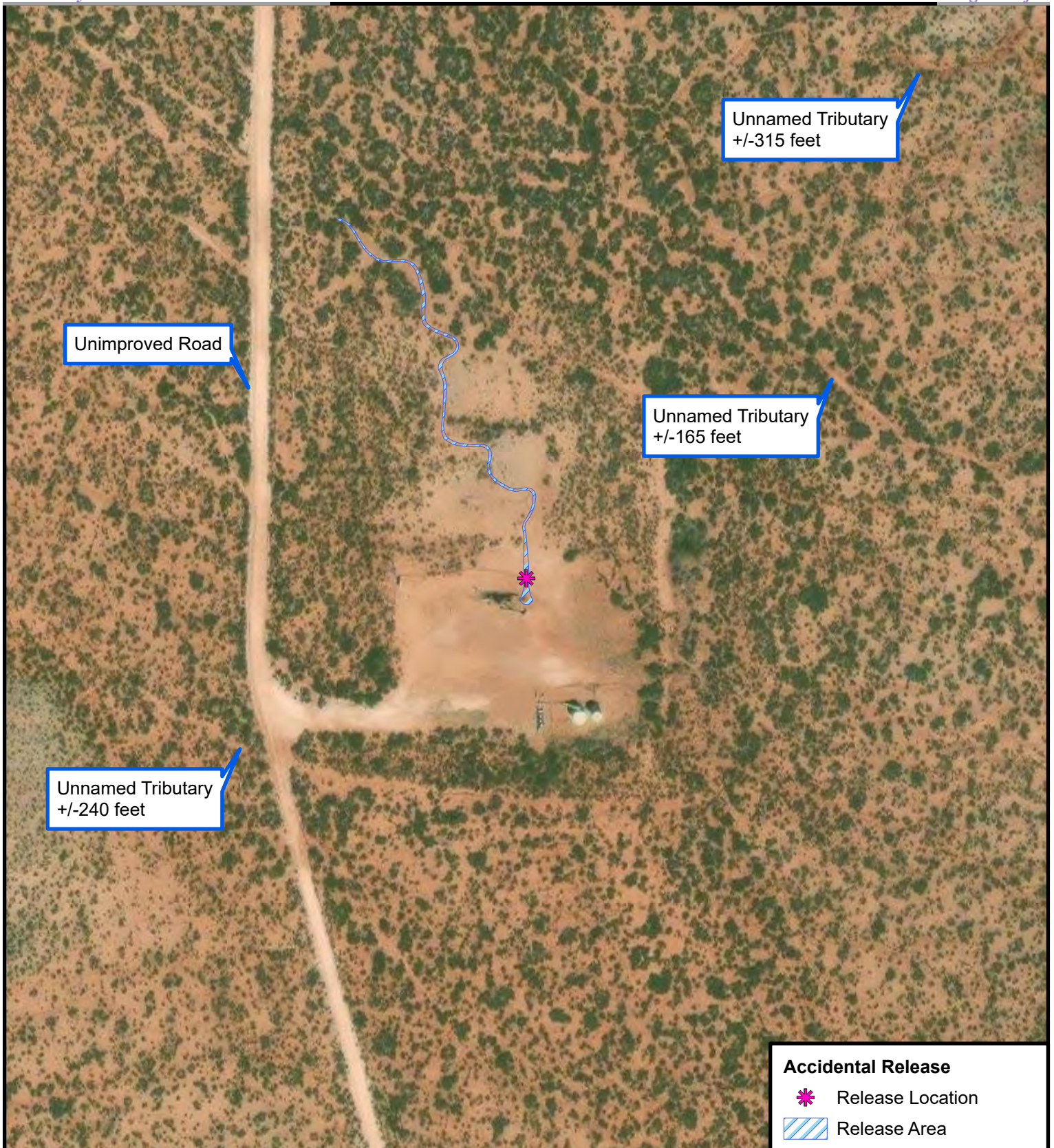
Map Source: USDA/NRCS - National Geospatial Center of Excellence. Soil Survey Geographic (SSURGO) Eddy County, New Mexico.

0 75 150 Feet

**Map 6**  
NRCS SSURGO  
Eddy County, New Mexico

**James E #001 Tubing Line**  
Township 22S; Range 30E; Section 11

Date: 17 April 2025





Unimproved Road

Unnamed Tributary +/-315 feet

Unnamed Tributary +/-165 feet

Unnamed Tributary +/-240 feet

**Accidental Release**

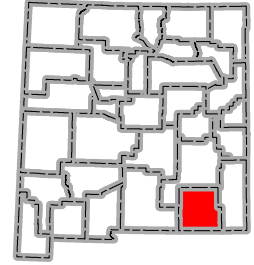
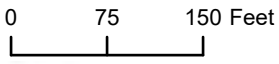
-  Release Location
-  Release Area

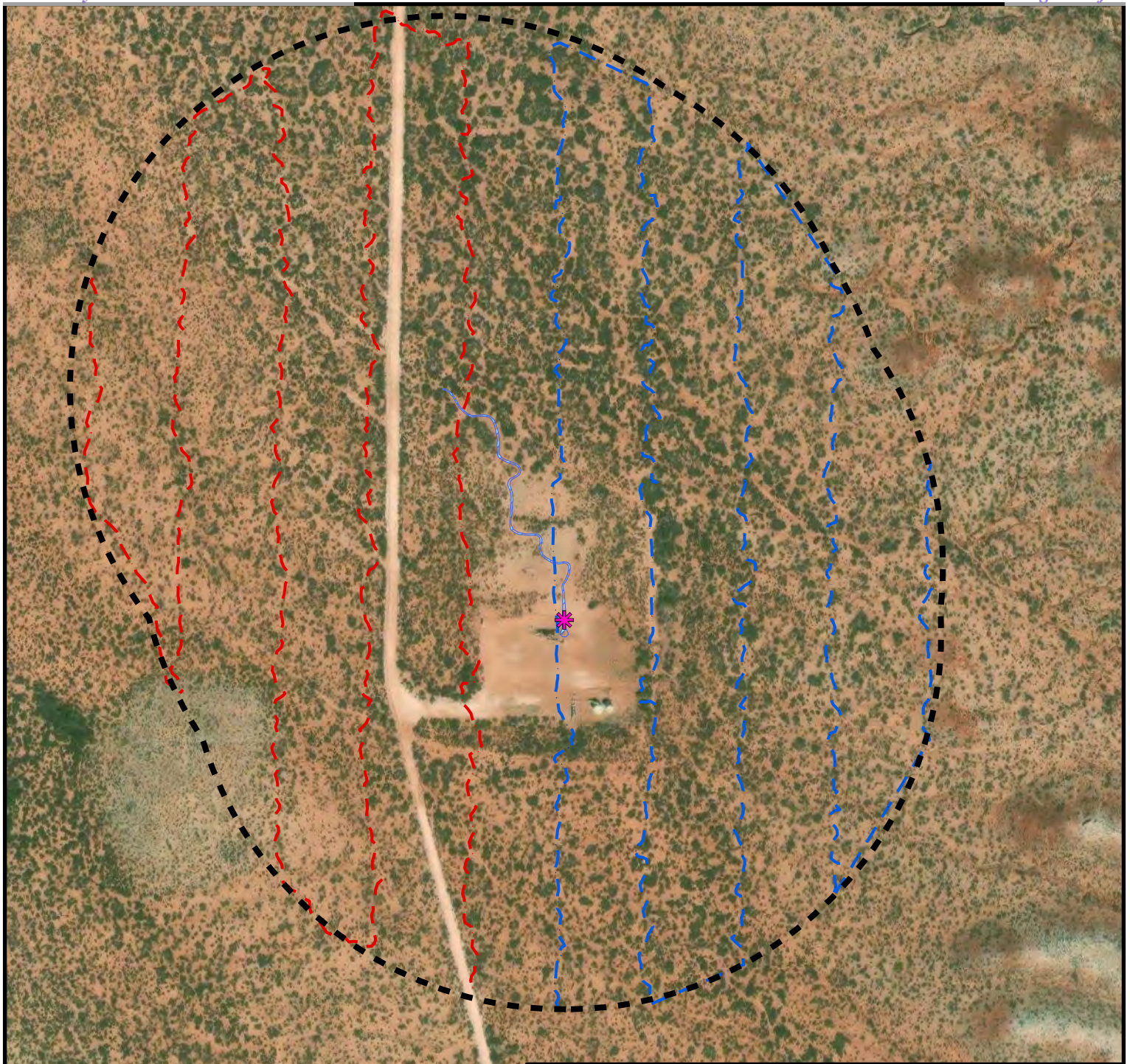
Map Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGrid, IGN, and the GIS User Community.

**Map 7**  
 Aerial Orthoimagery  
 Eddy County, New Mexico

**James E #001 Tubing Line**  
 Township 22S; Range 30E; Section 11

Date: 17 April 2025





|                           |                           |
|---------------------------|---------------------------|
| <b>Accidental Release</b> | <b>Karst Survey</b>       |
| Release Location          | Survey Area (47.09 acres) |
| Release Area              | Surveyor 1                |
|                           | Surveyor 2                |

Map Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGrid, IGN, and the GIS User Community.

0 125 250 Feet

**Map 8**  
 Karst Survey  
 Eddy County, New Mexico

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**James E #001 Tubing Line**  
 Township 22S; Range 30E; Section 11

Date: 17 April 2025





**APPENDIX B**

**PHOTOS**





|  |                               |  |
|--|-------------------------------|--|
| <b>Photo #:</b><br>1                                     | <b>Date:</b><br>25 March 2025 | <div data-bbox="548 268 1464 346"> <p>E 90 SE 120 S 180 SW 210 240</p> </div> <div data-bbox="548 352 1464 394"> <p>149°SE (T) 13 N 608144 3586612 ±6ft ▲ 3199ft</p> </div>  <div data-bbox="548 913 792 945"> <p>T. Norris, Goshawk ECI</p> </div> <div data-bbox="1226 892 1453 945"> <p>James E #001 Release<br/>25 Mar 2025</p> </div> |
| Gently to Moderately Sloping Terrain within Release Area |                               |  |

|  |                               |   |
|--|-------------------------------|---|
| <b>Photo #:</b><br>2   | <b>Date:</b><br>25 March 2025 | <div data-bbox="548 1094 1464 1171"> <p>S 180 SW 210 W 270 NW 300 330</p> </div> <div data-bbox="548 1178 1464 1220"> <p>253°W (T) 13 N 608134 3586162 ±13ft ▲ 3209ft</p> </div>  <div data-bbox="548 1738 792 1770"> <p>T. Norris, Goshawk ECI</p> </div> <div data-bbox="1226 1717 1453 1770"> <p>James E #001 Release<br/>25 Mar 2025</p> </div> |
| Typical Shrubland Vegetation Associated with Loamy Soils Within Release Area |                               |   |



# **APPENDIX D**

## **Regulatory Correspondence**

**From:** [OCDOnline@emnrd.nm.gov](mailto:OCDOnline@emnrd.nm.gov)  
**To:** [Dickerson, Ryan](#)  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 538693  
**Date:** Tuesday, December 30, 2025 10:04:59 AM

You don't often get email from [ocdonline@emnrd.nm.gov](mailto:ocdonline@emnrd.nm.gov). [Learn why this is important](#)

**CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments.

To whom it may concern (c/o Ryan Dickerson for CONOCOPHILLIPS COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nRM2007952227.

The sampling event is expected to take place:

**When:** 01/06/2026 @ 10:00

**Where:** G-11-22S-30E Lot: B 0 FNL 0 FEL (32.408516,-103.849337)

**Additional Information:** Andrew Garcia will be the sampler. He can be contacted via mobile phone at (432) 270-0197.

Sampling will occur January 6, 2026 through January 9, 2026.

**Additional Instructions:** FROM THE INTERSECTION OF POTASH MINES ROAD AND CIMARRON ROAD: Turn left onto Cimarron Road and continue heading east for approximately 5 miles. FROM THE INTERSECTION OF CIMARRON ROAD AND UNNAMED LEASE ROAD AT APPROXIMATE COORINDATES (32.405096, -103.873567): Continue heading straight (due east) onto unnamed lease road for approximately 1.5 miles to arrive at next intersection. AT APPROXIMATE COORDINATES (32.412840, -103.850224): Turn right and head south onto second unnamed lease road for approximately 0.3 miles. Make your first available left and head east for approximately 203 feet to arrive at your destination.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **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.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

# **APPENDIX E**

## **Laboratory Analytical Data**



# ANALYTICAL REPORT

February 15, 2021

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

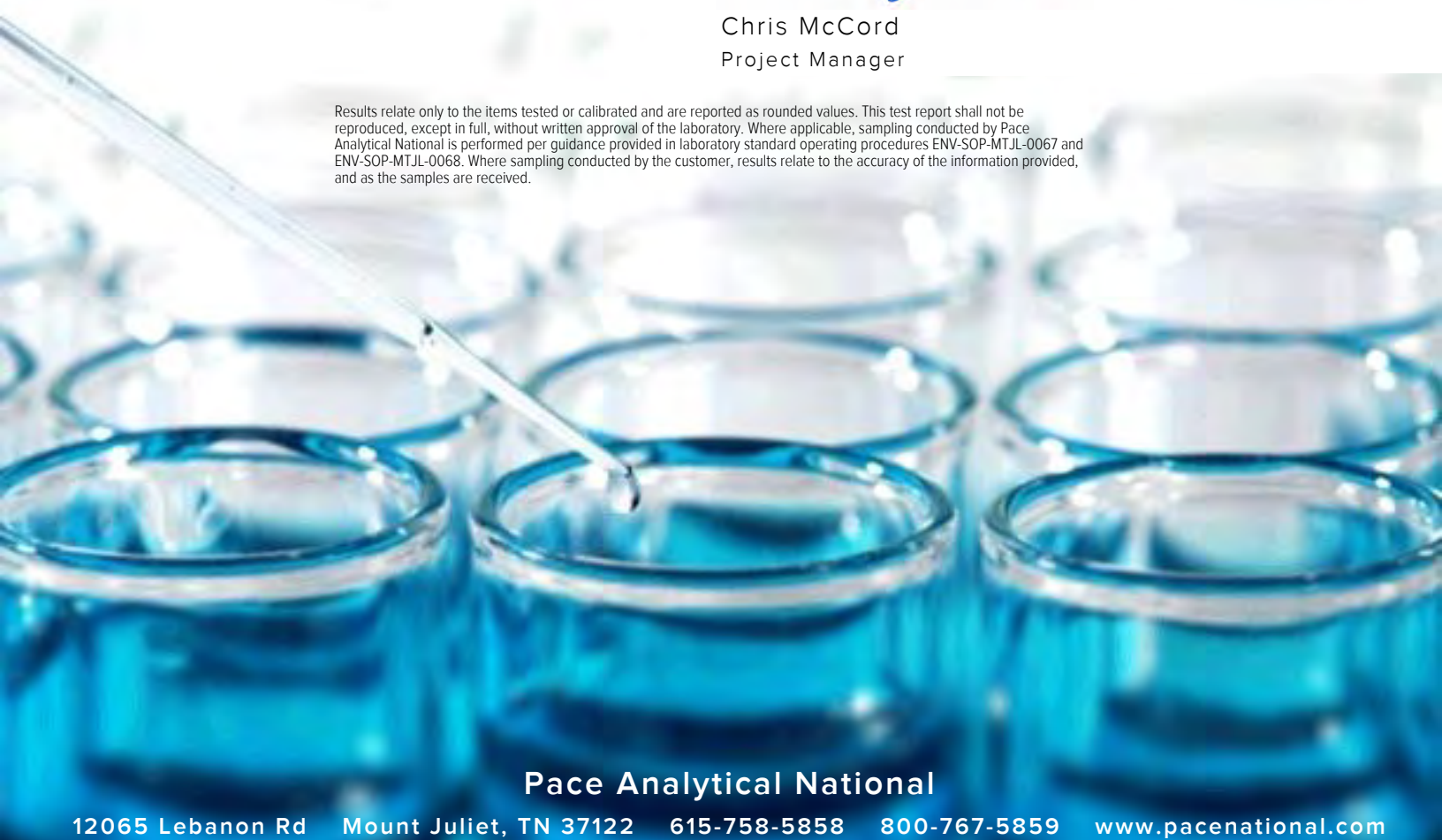
## ConocoPhillips - Tetra Tech

Sample Delivery Group: L1315214  
 Samples Received: 02/09/2021  
 Project Number: 212-MD-02413  
 Description: James E #001 Tubing Line Release  
 Site: LEA COUNTY, NM  
 Report To: Christian Lull  
 901 West Wall  
 Suite 100  
 Midland, TX 79701

Entire Report Reviewed By:

Chris McCord  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

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

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**Cn: Case Narrative** 8

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BH-3 (4-5) L1315214-19 27

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<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

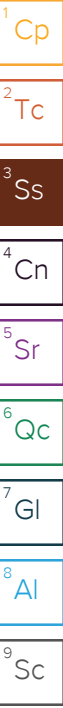
<sup>8</sup> Al

<sup>9</sup> Sc

BH-1 (0-1) L1315214-01 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 10:00  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619462 | 1        | 02/11/21 15:43        | 02/11/21 15:58     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1619602 | 20       | 02/11/21 14:54        | 02/12/21 01:27     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619141 | 1        | 02/09/21 16:04        | 02/12/21 03:12     | TPR     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/09/21 22:26     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620089 | 10       | 02/12/21 06:18        | 02/12/21 19:48     | JDG     | Mt. Juliet, TN |



BH-1 (2-3) L1315214-02 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 10:10  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619462 | 1        | 02/11/21 15:43        | 02/11/21 15:58     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1619602 | 20       | 02/11/21 14:54        | 02/12/21 01:36     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619141 | 1        | 02/09/21 16:04        | 02/12/21 03:34     | TPR     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/09/21 22:45     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620091 | 10       | 02/12/21 16:32        | 02/13/21 04:36     | JDG     | Mt. Juliet, TN |

BH-1 (4-5) L1315214-03 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 10:20  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1619602 | 10       | 02/11/21 14:54        | 02/12/21 01:46     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619141 | 1        | 02/09/21 16:04        | 02/12/21 03:56     | TPR     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 2        | 02/09/21 16:04        | 02/09/21 23:04     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620091 | 1        | 02/12/21 16:32        | 02/13/21 03:56     | JDG     | Mt. Juliet, TN |

BH-1 (6-7) L1315214-04 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 10:30  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1619602 | 5        | 02/11/21 14:54        | 02/12/21 01:55     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619141 | 1        | 02/09/21 16:04        | 02/12/21 04:18     | TPR     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/09/21 23:23     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620091 | 1        | 02/12/21 16:32        | 02/13/21 02:35     | JDG     | Mt. Juliet, TN |

BH-1 (9-10) L1315214-05 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 10:40  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1619602 | 1        | 02/11/21 14:54        | 02/12/21 02:05     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1        | 02/09/21 16:04        | 02/11/21 13:30     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/09/21 23:42     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620091 | 1        | 02/12/21 16:32        | 02/13/21 02:21     | JDG     | Mt. Juliet, TN |

BH-1 (14-15) L1315214-06 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 10:50  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1619602 | 5        | 02/11/21 14:54        | 02/12/21 02:34     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1.01     | 02/09/21 16:04        | 02/11/21 13:52     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 00:01     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620091 | 1        | 02/12/21 16:32        | 02/13/21 02:48     | JDG     | Mt. Juliet, TN |

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

BH-1 (19-20) L1315214-07 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 11:00  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 5        | 02/13/21 14:39        | 02/13/21 21:18     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1        | 02/09/21 16:04        | 02/11/21 14:14     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 00:20     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620945 | 1        | 02/12/21 23:11        | 02/13/21 16:50     | JN      | Mt. Juliet, TN |

BH-1 (24-25) L1315214-08 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 11:20  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 5        | 02/13/21 14:39        | 02/13/21 21:46     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1        | 02/09/21 16:04        | 02/11/21 14:36     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 00:38     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620945 | 1        | 02/12/21 23:11        | 02/13/21 17:03     | JN      | Mt. Juliet, TN |

BH-1 (29-30) L1315214-09 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 11:40  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 5        | 02/13/21 14:39        | 02/13/21 22:05     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1        | 02/09/21 16:04        | 02/11/21 14:58     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 00:57     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 21:09     | JDG     | Mt. Juliet, TN |

BH-1 (34-35) L1315214-10 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 12:00  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 5        | 02/13/21 14:39        | 02/13/21 22:14     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1        | 02/09/21 16:04        | 02/11/21 15:20     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 01:16     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 21:22     | JDG     | Mt. Juliet, TN |

BH-1 (39-40) L1315214-11 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 12:20  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 5        | 02/13/21 14:39        | 02/13/21 22:24     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1        | 02/09/21 16:04        | 02/11/21 15:42     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 01:35     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 21:35     | JDG     | Mt. Juliet, TN |

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

BH-1 (44-45) L1315214-12 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 12:40  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619463 | 1        | 02/11/21 13:24        | 02/11/21 13:30     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 1        | 02/13/21 14:39        | 02/13/21 22:52     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1        | 02/09/21 16:04        | 02/11/21 16:04     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 01:54     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 21:49     | JDG     | Mt. Juliet, TN |

BH-2 (0-1) L1315214-13 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 13:00  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 1        | 02/13/21 14:39        | 02/13/21 23:02     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1.01     | 02/09/21 16:04        | 02/11/21 16:27     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 02:13     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 22:02     | JDG     | Mt. Juliet, TN |

BH-2 (2-3) L1315214-14 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 13:10  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 1        | 02/13/21 14:39        | 02/13/21 23:11     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1        | 02/09/21 16:04        | 02/11/21 16:49     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 02:32     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 22:15     | JDG     | Mt. Juliet, TN |

BH-2 (4-5) L1315214-15 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 13:20  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 1        | 02/13/21 14:39        | 02/13/21 23:21     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1619874 | 1        | 02/09/21 16:04        | 02/11/21 17:14     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 02:51     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 22:29     | JDG     | Mt. Juliet, TN |

BH-2 (6-7) L1315214-16 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 13:30  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 1        | 02/13/21 14:39        | 02/13/21 23:30     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1620406 | 1        | 02/09/21 16:04        | 02/12/21 03:14     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 03:10     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 22:42     | JDG     | Mt. Juliet, TN |

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

BH-3 (0-1) L1315214-17 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 14:00  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 1        | 02/13/21 14:39        | 02/13/21 23:40     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1620406 | 1        | 02/09/21 16:04        | 02/12/21 03:34     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1618956 | 1        | 02/09/21 16:04        | 02/10/21 03:29     | AV      | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 22:55     | JDG     | Mt. Juliet, TN |

BH-3 (2-3) L1315214-18 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 14:10  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 1        | 02/13/21 14:39        | 02/13/21 23:49     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1620406 | 1        | 02/09/21 16:04        | 02/12/21 03:55     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1619010 | 1        | 02/09/21 16:04        | 02/10/21 02:46     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 23:09     | JDG     | Mt. Juliet, TN |

BH-3 (4-5) L1315214-19 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 14:20  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 1        | 02/13/21 14:39        | 02/13/21 23:59     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1620406 | 1        | 02/09/21 16:04        | 02/12/21 04:16     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1619010 | 1        | 02/09/21 16:04        | 02/10/21 03:05     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 23:22     | JDG     | Mt. Juliet, TN |

BH-3 (6-7) L1315214-20 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 14:30  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 1        | 02/13/21 14:39        | 02/14/21 00:08     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1620406 | 1        | 02/09/21 16:04        | 02/12/21 04:37     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1619010 | 1        | 02/09/21 16:04        | 02/10/21 03:24     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 23:35     | JDG     | Mt. Juliet, TN |

BH-4 (0-1) L1315214-21 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 15:00  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 5        | 02/13/21 14:39        | 02/14/21 00:18     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1620406 | 1        | 02/09/21 16:04        | 02/12/21 04:58     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1619010 | 1        | 02/09/21 16:04        | 02/10/21 03:43     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/12/21 23:49     | JDG     | Mt. Juliet, TN |

1 Cp  
 2 Tc  
 3 Ss  
 4 Cn

BH-4 (2-3) L1315214-22 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 15:10  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619464 | 1        | 02/11/21 13:16        | 02/11/21 13:22     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 5        | 02/13/21 14:39        | 02/14/21 00:47     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1620406 | 1        | 02/09/21 16:04        | 02/12/21 05:19     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1619010 | 1        | 02/09/21 16:04        | 02/10/21 04:02     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/13/21 00:29     | JDG     | Mt. Juliet, TN |

5 Sr  
 6 Qc  
 7 Gl  
 8 Al

BH-4 (4-5) L1315214-23 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 15:20  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619478 | 1        | 02/11/21 12:41        | 02/11/21 12:49     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 5        | 02/13/21 14:39        | 02/14/21 00:56     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1620406 | 1        | 02/09/21 16:04        | 02/12/21 05:39     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1619010 | 1        | 02/09/21 16:04        | 02/10/21 04:21     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/13/21 00:42     | JDG     | Mt. Juliet, TN |

9 Sc

BH-4 (6-7) L1315214-24 Solid

Collected by Joe Tyler  
 Collected date/time 02/02/21 15:30  
 Received date/time 02/09/21 08:15

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1619478 | 1        | 02/11/21 12:41        | 02/11/21 12:49     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1621055 | 5        | 02/13/21 14:39        | 02/14/21 01:06     | MCG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1620406 | 1        | 02/09/21 16:04        | 02/12/21 06:00     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1619010 | 1        | 02/09/21 16:04        | 02/10/21 04:40     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1620093 | 1        | 02/12/21 07:45        | 02/13/21 00:55     | JDG     | Mt. Juliet, TN |

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



Chris McCord  
Project Manager

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

Collected date/time: 02/02/21 10:00

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 91.8   |           | 1        | 02/11/2021 15:58     | <a href="#">WG1619462</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 12800              |           | 201             | 436             | 20       | 02/12/2021 01:27     | <a href="#">WG1619602</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0236          | 0.109           | 1        | 02/12/2021 03:12     | <a href="#">WG1619141</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 112                |           |                 | 77.0-120        |          | 02/12/2021 03:12     | <a href="#">WG1619141</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000551        | 0.00118         | 1        | 02/09/2021 22:26     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00153         | 0.00590         | 1        | 02/09/2021 22:26     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000869        | 0.00295         | 1        | 02/09/2021 22:26     | <a href="#">WG1618956</a> |
| Total Xylenes             | 0.00142            | J         | 0.00104         | 0.00767         | 1        | 02/09/2021 22:26     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 96.3               |           |                 | 75.0-131        |          | 02/09/2021 22:26     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 101                |           |                 | 67.0-138        |          | 02/09/2021 22:26     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 90.9               |           |                 | 70.0-130        |          | 02/09/2021 22:26     | <a href="#">WG1618956</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 820                |           | 17.5            | 43.6            | 10       | 02/12/2021 19:48     | <a href="#">WG1620089</a> |
| C28-C40 Oil Range    | 1590               |           | 2.99            | 43.6            | 10       | 02/12/2021 19:48     | <a href="#">WG1620089</a> |
| (S) o-Terphenyl      | 45.7               |           |                 | 18.0-148        |          | 02/12/2021 19:48     | <a href="#">WG1620089</a> |

Collected date/time: 02/02/21 10:10

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 92.1   |           | 1        | 02/11/2021 15:58     | <a href="#">WG1619462</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 7750               |           | 200             | 434             | 20       | 02/12/2021 01:36     | <a href="#">WG1619602</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0236          | 0.109           | 1        | 02/12/2021 03:34     | <a href="#">WG1619141</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 115                |           |                 | 77.0-120        |          | 02/12/2021 03:34     | <a href="#">WG1619141</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000548        | 0.00117         | 1        | 02/09/2021 22:45     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00152         | 0.00586         | 1        | 02/09/2021 22:45     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000864        | 0.00293         | 1        | 02/09/2021 22:45     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.00103         | 0.00762         | 1        | 02/09/2021 22:45     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 95.8               |           |                 | 75.0-131        |          | 02/09/2021 22:45     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 100                |           |                 | 67.0-138        |          | 02/09/2021 22:45     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 91.8               |           |                 | 70.0-130        |          | 02/09/2021 22:45     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 1440               |           | 17.5            | 43.4            | 10       | 02/13/2021 04:36     | <a href="#">WG1620091</a> |
| C28-C40 Oil Range    | 1730               |           | 2.98            | 43.4            | 10       | 02/13/2021 04:36     | <a href="#">WG1620091</a> |
| (S) o-Terphenyl      | 85.3               |           |                 | 18.0-148        |          | 02/13/2021 04:36     | <a href="#">WG1620091</a> |

Collected date/time: 02/02/21 10:20

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 87.1   |           | 1        | 02/11/2021 13:30     | <a href="#">WG1619463</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 1970               |           | 106             | 230             | 10       | 02/12/2021 01:46     | <a href="#">WG1619602</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0249          | 0.115           | 1        | 02/12/2021 03:56     | <a href="#">WG1619141</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 114                |           |                 | 77.0-120        |          | 02/12/2021 03:56     | <a href="#">WG1619141</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.00114         | 0.00244         | 2        | 02/09/2021 23:04     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00318         | 0.0122          | 2        | 02/09/2021 23:04     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.00180         | 0.00611         | 2        | 02/09/2021 23:04     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.00215         | 0.0159          | 2        | 02/09/2021 23:04     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 95.4               |           |                 | 75.0-131        |          | 02/09/2021 23:04     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 101                |           |                 | 67.0-138        |          | 02/09/2021 23:04     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 94.8               |           |                 | 70.0-130        |          | 02/09/2021 23:04     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 28.7               |           | 1.85            | 4.59            | 1        | 02/13/2021 03:56     | <a href="#">WG1620091</a> |
| C28-C40 Oil Range    | 32.9               |           | 0.315           | 4.59            | 1        | 02/13/2021 03:56     | <a href="#">WG1620091</a> |
| (S) o-Terphenyl      | 64.7               |           |                 | 18.0-148        |          | 02/13/2021 03:56     | <a href="#">WG1620091</a> |

Collected date/time: 02/02/21 10:30

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 93.6   |           | 1        | 02/11/2021 13:30 | <a href="#">WG1619463</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|          | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Chloride | 833          |           | 49.2      | 107       | 5        | 02/12/2021 01:55 | <a href="#">WG1619602</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| TPH (GC/FID) Low Fraction       | U            |           | 0.0232    | 0.107     | 1        | 02/12/2021 04:18 | <a href="#">WG1619141</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 114          |           |           | 77.0-120  |          | 02/12/2021 04:18 | <a href="#">WG1619141</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |           | 0.000531  | 0.00114   | 1        | 02/09/2021 23:23 | <a href="#">WG1618956</a> |
| Toluene                   | U            |           | 0.00148   | 0.00568   | 1        | 02/09/2021 23:23 | <a href="#">WG1618956</a> |
| Ethylbenzene              | U            |           | 0.000838  | 0.00284   | 1        | 02/09/2021 23:23 | <a href="#">WG1618956</a> |
| Total Xylenes             | U            |           | 0.00100   | 0.00739   | 1        | 02/09/2021 23:23 | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 94.3         |           |           | 75.0-131  |          | 02/09/2021 23:23 | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 101          |           |           | 67.0-138  |          | 02/09/2021 23:23 | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 93.4         |           |           | 70.0-130  |          | 02/09/2021 23:23 | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                      | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| C10-C28 Diesel Range | 1.92         | J         | 1.72      | 4.27      | 1        | 02/13/2021 02:35 | <a href="#">WG1620091</a> |
| C28-C40 Oil Range    | 1.74         | B J       | 0.293     | 4.27      | 1        | 02/13/2021 02:35 | <a href="#">WG1620091</a> |
| (S) o-Terphenyl      | 56.8         |           |           | 18.0-148  |          | 02/13/2021 02:35 | <a href="#">WG1620091</a> |

Collected date/time: 02/02/21 10:40

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 90.9   |           | 1        | 02/11/2021 13:30 | <a href="#">WG1619463</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|          | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Chloride | 800          |           | 10.1      | 22.0      | 1        | 02/12/2021 02:05 | <a href="#">WG1619602</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                                 | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|   | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| TPH (GC/FID) Low Fraction               | U            |           | 0.0239    | 0.110     | 1        | 02/11/2021 13:30 | <a href="#">WG1619874</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 114          |           |           | 77.0-120  |          | 02/11/2021 13:30 | <a href="#">WG1619874</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                          | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                  | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                          | U            |           | 0.000561  | 0.00120   | 1        | 02/09/2021 23:42 | <a href="#">WG1618956</a> |
| Toluene                          | U            |           | 0.00156   | 0.00601   | 1        | 02/09/2021 23:42 | <a href="#">WG1618956</a> |
| Ethylbenzene                     | U            |           | 0.000885  | 0.00300   | 1        | 02/09/2021 23:42 | <a href="#">WG1618956</a> |
| Total Xylenes                    | U            |           | 0.00106   | 0.00781   | 1        | 02/09/2021 23:42 | <a href="#">WG1618956</a> |
| (S) <i>Toluene-d8</i>            | 93.9         |           |           | 75.0-131  |          | 02/09/2021 23:42 | <a href="#">WG1618956</a> |
| (S) <i>4-Bromofluorobenzene</i>  | 101          |           |           | 67.0-138  |          | 02/09/2021 23:42 | <a href="#">WG1618956</a> |
| (S) <i>1,2-Dichloroethane-d4</i> | 96.7         |           |           | 70.0-130  |          | 02/09/2021 23:42 | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                 | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                         | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| C10-C28 Diesel Range    | 3.81         | J         | 1.77      | 4.40      | 1        | 02/13/2021 02:21 | <a href="#">WG1620091</a> |
| C28-C40 Oil Range       | 4.09         | B J       | 0.302     | 4.40      | 1        | 02/13/2021 02:21 | <a href="#">WG1620091</a> |
| (S) <i>o</i> -Terphenyl | 65.9         |           |           | 18.0-148  |          | 02/13/2021 02:21 | <a href="#">WG1620091</a> |

Collected date/time: 02/02/21 10:50

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 92.9   |           | 1        | 02/11/2021 13:30     | <a href="#">WG1619463</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 955                |           | 49.5            | 108             | 5        | 02/12/2021 02:34     | <a href="#">WG1619602</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0236          | 0.109           | 1.01     | 02/11/2021 13:52     | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 114                |           |                 | 77.0-120        |          | 02/11/2021 13:52     | <a href="#">WG1619874</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000539        | 0.00115         | 1        | 02/10/2021 00:01     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00150         | 0.00577         | 1        | 02/10/2021 00:01     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000850        | 0.00288         | 1        | 02/10/2021 00:01     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.00102         | 0.00750         | 1        | 02/10/2021 00:01     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 95.0               |           |                 | 75.0-131        |          | 02/10/2021 00:01     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 99.9               |           |                 | 67.0-138        |          | 02/10/2021 00:01     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 96.9               |           |                 | 70.0-130        |          | 02/10/2021 00:01     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 1.73            | 4.31            | 1        | 02/13/2021 02:48     | <a href="#">WG1620091</a> |
| C28-C40 Oil Range    | U                  |           | 0.295           | 4.31            | 1        | 02/13/2021 02:48     | <a href="#">WG1620091</a> |
| (S) o-Terphenyl      | 51.8               |           |                 | 18.0-148        |          | 02/13/2021 02:48     | <a href="#">WG1620091</a> |

Collected date/time: 02/02/21 11:00

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 92.2   |           | 1        | 02/11/2021 13:30     | <a href="#">WG1619463</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 2120               | <u>J6</u> | 49.9            | 109             | 5        | 02/13/2021 21:18     | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0235          | 0.109           | 1        | 02/11/2021 14:14     | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 113                |           |                 | 77.0-120        |          | 02/11/2021 14:14     | <a href="#">WG1619874</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000547        | 0.00117         | 1        | 02/10/2021 00:20     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00152         | 0.00585         | 1        | 02/10/2021 00:20     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000863        | 0.00293         | 1        | 02/10/2021 00:20     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.00103         | 0.00761         | 1        | 02/10/2021 00:20     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 94.9               |           |                 | 75.0-131        |          | 02/10/2021 00:20     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 99.4               |           |                 | 67.0-138        |          | 02/10/2021 00:20     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 92.6               |           |                 | 70.0-130        |          | 02/10/2021 00:20     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 4.36               |           | 1.75            | 4.34            | 1        | 02/13/2021 16:50     | <a href="#">WG1620945</a> |
| C28-C40 Oil Range    | 5.46               |           | 0.297           | 4.34            | 1        | 02/13/2021 16:50     | <a href="#">WG1620945</a> |
| (S) o-Terphenyl      | 72.9               |           |                 | 18.0-148        |          | 02/13/2021 16:50     | <a href="#">WG1620945</a> |

Collected date/time: 02/02/21 11:20

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 93.4   |           | 1        | 02/11/2021 13:30 | <a href="#">WG1619463</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | 1640         |           | 49.3      | 107       | 5        | 02/13/2021 21:46 | <a href="#">WG1621055</a> |

5 Sr

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0232    | 0.107     | 1        | 02/11/2021 14:36 | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 114          |           |           | 77.0-120  |          | 02/11/2021 14:36 | <a href="#">WG1619874</a> |

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000533  | 0.00114   | 1        | 02/10/2021 00:38 | <a href="#">WG1618956</a> |
| Toluene                   | U            |           | 0.00148   | 0.00571   | 1        | 02/10/2021 00:38 | <a href="#">WG1618956</a> |
| Ethylbenzene              | U            |           | 0.000842  | 0.00285   | 1        | 02/10/2021 00:38 | <a href="#">WG1618956</a> |
| Total Xylenes             | U            |           | 0.00100   | 0.00742   | 1        | 02/10/2021 00:38 | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 96.2         |           |           | 75.0-131  |          | 02/10/2021 00:38 | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 99.9         |           |           | 67.0-138  |          | 02/10/2021 00:38 | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 90.3         |           |           | 70.0-130  |          | 02/10/2021 00:38 | <a href="#">WG1618956</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | 4.34         |           | 1.72      | 4.28      | 1        | 02/13/2021 17:03 | <a href="#">WG1620945</a> |
| C28-C40 Oil Range    | 6.03         |           | 0.293     | 4.28      | 1        | 02/13/2021 17:03 | <a href="#">WG1620945</a> |
| (S) o-Terphenyl      | 85.5         |           |           | 18.0-148  |          | 02/13/2021 17:03 | <a href="#">WG1620945</a> |

Collected date/time: 02/02/21 11:40

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 85.9   |           | 1        | 02/11/2021 13:30     | <a href="#">WG1619463</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 1730               |           | 53.5            | 116             | 5        | 02/13/2021 22:05     | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0252          | 0.116           | 1        | 02/11/2021 14:58     | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 114                |           |                 | 77.0-120        |          | 02/11/2021 14:58     | <a href="#">WG1619874</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000620        | 0.00133         | 1        | 02/10/2021 00:57     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00173         | 0.00664         | 1        | 02/10/2021 00:57     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000978        | 0.00332         | 1        | 02/10/2021 00:57     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.00117         | 0.00863         | 1        | 02/10/2021 00:57     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 96.5               |           |                 | 75.0-131        |          | 02/10/2021 00:57     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 100                |           |                 | 67.0-138        |          | 02/10/2021 00:57     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 90.2               |           |                 | 70.0-130        |          | 02/10/2021 00:57     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 4.43               | J         | 1.87            | 4.65            | 1        | 02/12/2021 21:09     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | 5.38               |           | 0.319           | 4.65            | 1        | 02/12/2021 21:09     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 81.5               |           |                 | 18.0-148        |          | 02/12/2021 21:09     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 12:00

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 88.8   |           | 1        | 02/11/2021 13:30     | <a href="#">WG1619463</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 1190               |           | 51.8            | 113             | 5        | 02/13/2021 22:14     | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0244          | 0.113           | 1        | 02/11/2021 15:20     | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 114                |           |                 | 77.0-120        |          | 02/11/2021 15:20     | <a href="#">WG1619874</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000585        | 0.00125         | 1        | 02/10/2021 01:16     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00163         | 0.00626         | 1        | 02/10/2021 01:16     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000923        | 0.00313         | 1        | 02/10/2021 01:16     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.00110         | 0.00814         | 1        | 02/10/2021 01:16     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 96.8               |           |                 | 75.0-131        |          | 02/10/2021 01:16     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 101                |           |                 | 67.0-138        |          | 02/10/2021 01:16     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 95.9               |           |                 | 70.0-130        |          | 02/10/2021 01:16     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 1.81            | 4.50            | 1        | 02/12/2021 21:22     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | 3.64               | J         | 0.308           | 4.50            | 1        | 02/12/2021 21:22     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 86.0               |           |                 | 18.0-148        |          | 02/12/2021 21:22     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 12:20

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 90.6   |           | 1        | 02/11/2021 13:30     | <a href="#">WG1619463</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 931                |           | 50.8            | 110             | 5        | 02/13/2021 22:24     | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0239          | 0.110           | 1        | 02/11/2021 15:42     | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 113                |           |                 | 77.0-120        |          | 02/11/2021 15:42     | <a href="#">WG1619874</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000564        | 0.00121         | 1        | 02/10/2021 01:35     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00157         | 0.00604         | 1        | 02/10/2021 01:35     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000890        | 0.00302         | 1        | 02/10/2021 01:35     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.00106         | 0.00785         | 1        | 02/10/2021 01:35     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 96.5               |           |                 | 75.0-131        |          | 02/10/2021 01:35     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 99.7               |           |                 | 67.0-138        |          | 02/10/2021 01:35     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 89.6               |           |                 | 70.0-130        |          | 02/10/2021 01:35     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 1.78            | 4.41            | 1        | 02/12/2021 21:35     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | 0.409              | J         | 0.302           | 4.41            | 1        | 02/12/2021 21:35     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 79.3               |           |                 | 18.0-148        |          | 02/12/2021 21:35     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 12:40

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 94.7   |           | 1        | 02/11/2021 13:30 | <a href="#">WG1619463</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | 199          |           | 9.72      | 21.1      | 1        | 02/13/2021 22:52 | <a href="#">WG1621055</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0229    | 0.106     | 1        | 02/11/2021 16:04 | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 113          |           |           | 77.0-120  |          | 02/11/2021 16:04 | <a href="#">WG1619874</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000520  | 0.00111   | 1        | 02/10/2021 01:54 | <a href="#">WG1618956</a> |
| Toluene                   | U            |           | 0.00145   | 0.00556   | 1        | 02/10/2021 01:54 | <a href="#">WG1618956</a> |
| Ethylbenzene              | U            |           | 0.000820  | 0.00278   | 1        | 02/10/2021 01:54 | <a href="#">WG1618956</a> |
| Total Xylenes             | U            |           | 0.000979  | 0.00723   | 1        | 02/10/2021 01:54 | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 97.4         |           |           | 75.0-131  |          | 02/10/2021 01:54 | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 98.4         |           |           | 67.0-138  |          | 02/10/2021 01:54 | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 91.3         |           |           | 70.0-130  |          | 02/10/2021 01:54 | <a href="#">WG1618956</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | U            |           | 1.70      | 4.23      | 1        | 02/12/2021 21:49 | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | U            |           | 0.289     | 4.23      | 1        | 02/12/2021 21:49 | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 69.8         |           |           | 18.0-148  |          | 02/12/2021 21:49 | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 13:00

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 97.4   |           | 1        | 02/11/2021 13:22     | <a href="#">WG1619464</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 275                |           | 9.45            | 20.5            | 1        | 02/13/2021 23:02     | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0225          | 0.104           | 1.01     | 02/11/2021 16:27     | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 113                |           |                 | 77.0-120        |          | 02/11/2021 16:27     | <a href="#">WG1619874</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000492        | 0.00105         | 1        | 02/10/2021 02:13     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00137         | 0.00527         | 1        | 02/10/2021 02:13     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000777        | 0.00264         | 1        | 02/10/2021 02:13     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.000928        | 0.00685         | 1        | 02/10/2021 02:13     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 97.6               |           |                 | 75.0-131        |          | 02/10/2021 02:13     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 97.9               |           |                 | 67.0-138        |          | 02/10/2021 02:13     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 91.6               |           |                 | 70.0-130        |          | 02/10/2021 02:13     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 2.33               | J         | 1.65            | 4.11            | 1        | 02/12/2021 22:02     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | 5.55               |           | 0.281           | 4.11            | 1        | 02/12/2021 22:02     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 70.6               |           |                 | 18.0-148        |          | 02/12/2021 22:02     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 13:10

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 96.6   |           | 1        | 02/11/2021 13:22     | <a href="#">WG1619464</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 475                |           | 9.52            | 20.7            | 1        | 02/13/2021 23:11     | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0225          | 0.103           | 1        | 02/11/2021 16:49     | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 114                |           |                 | 77.0-120        |          | 02/11/2021 16:49     | <a href="#">WG1619874</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000500        | 0.00107         | 1        | 02/10/2021 02:32     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00139         | 0.00535         | 1        | 02/10/2021 02:32     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000788        | 0.00267         | 1        | 02/10/2021 02:32     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.000941        | 0.00695         | 1        | 02/10/2021 02:32     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 98.0               |           |                 | 75.0-131        |          | 02/10/2021 02:32     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 96.3               |           |                 | 67.0-138        |          | 02/10/2021 02:32     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 91.6               |           |                 | 70.0-130        |          | 02/10/2021 02:32     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 1.67            | 4.14            | 1        | 02/12/2021 22:15     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | 2.97               | J         | 0.284           | 4.14            | 1        | 02/12/2021 22:15     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 85.3               |           |                 | 18.0-148        |          | 02/12/2021 22:15     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 13:20

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 96.0   |           | 1        | 02/11/2021 13:22 | <a href="#">WG1619464</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|          | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Chloride | 590          |           | 9.58      | 20.8      | 1        | 02/13/2021 23:21 | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| TPH (GC/FID) Low Fraction       | U            |           | 0.0226    | 0.104     | 1        | 02/11/2021 17:14 | <a href="#">WG1619874</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 113          |           |           | 77.0-120  |          | 02/11/2021 17:14 | <a href="#">WG1619874</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |           | 0.000505  | 0.00108   | 1        | 02/10/2021 02:51 | <a href="#">WG1618956</a> |
| Toluene                   | U            |           | 0.00141   | 0.00541   | 1        | 02/10/2021 02:51 | <a href="#">WG1618956</a> |
| Ethylbenzene              | U            |           | 0.000798  | 0.00271   | 1        | 02/10/2021 02:51 | <a href="#">WG1618956</a> |
| Total Xylenes             | U            |           | 0.000953  | 0.00704   | 1        | 02/10/2021 02:51 | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 96.5         |           |           | 75.0-131  |          | 02/10/2021 02:51 | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 99.1         |           |           | 67.0-138  |          | 02/10/2021 02:51 | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 89.5         |           |           | 70.0-130  |          | 02/10/2021 02:51 | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                      | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| C10-C28 Diesel Range | U            |           | 1.68      | 4.16      | 1        | 02/12/2021 22:29 | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | U            |           | 0.285     | 4.16      | 1        | 02/12/2021 22:29 | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 90.3         |           |           | 18.0-148  |          | 02/12/2021 22:29 | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 13:30

L1315214

**Total Solids by Method 2540 G-2011**

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 96.2   |           | 1        | 02/11/2021 13:22 | <a href="#">WG1619464</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

**Wet Chemistry by Method 300.0**

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | 622          |           | 9.57      | 20.8      | 1        | 02/13/2021 23:30 | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

**Volatile Organic Compounds (GC) by Method 8015D/GRO**

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0226    | 0.104     | 1        | 02/12/2021 03:14 | <a href="#">WG1620406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 98.0         |           |           | 77.0-120  |          | 02/12/2021 03:14 | <a href="#">WG1620406</a> |

- 8 Al
- 9 Sc

**Volatile Organic Compounds (GC/MS) by Method 8260B**

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000504  | 0.00108   | 1        | 02/10/2021 03:10 | <a href="#">WG1618956</a> |
| Toluene                   | U            |           | 0.00140   | 0.00540   | 1        | 02/10/2021 03:10 | <a href="#">WG1618956</a> |
| Ethylbenzene              | U            |           | 0.000796  | 0.00270   | 1        | 02/10/2021 03:10 | <a href="#">WG1618956</a> |
| Total Xylenes             | U            |           | 0.000950  | 0.00702   | 1        | 02/10/2021 03:10 | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 95.9         |           |           | 75.0-131  |          | 02/10/2021 03:10 | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 99.4         |           |           | 67.0-138  |          | 02/10/2021 03:10 | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 90.9         |           |           | 70.0-130  |          | 02/10/2021 03:10 | <a href="#">WG1618956</a> |

**Semi-Volatile Organic Compounds (GC) by Method 8015**

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | 2.08         | J         | 1.67      | 4.16      | 1        | 02/12/2021 22:42 | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | 2.62         | J         | 0.285     | 4.16      | 1        | 02/12/2021 22:42 | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 79.2         |           |           | 18.0-148  |          | 02/12/2021 22:42 | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 14:00

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 96.8   |           | 1        | 02/11/2021 13:22     | <a href="#">WG1619464</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 96.9               |           | 9.50            | 20.7            | 1        | 02/13/2021 23:40     | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0224          | 0.103           | 1        | 02/12/2021 03:34     | <a href="#">WG1620406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 97.2               |           |                 | 77.0-120        |          | 02/12/2021 03:34     | <a href="#">WG1620406</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000498        | 0.00107         | 1        | 02/10/2021 03:29     | <a href="#">WG1618956</a> |
| Toluene                   | U                  |           | 0.00139         | 0.00533         | 1        | 02/10/2021 03:29     | <a href="#">WG1618956</a> |
| Ethylbenzene              | U                  |           | 0.000786        | 0.00267         | 1        | 02/10/2021 03:29     | <a href="#">WG1618956</a> |
| Total Xylenes             | U                  |           | 0.000938        | 0.00693         | 1        | 02/10/2021 03:29     | <a href="#">WG1618956</a> |
| (S) Toluene-d8            | 97.1               |           |                 | 75.0-131        |          | 02/10/2021 03:29     | <a href="#">WG1618956</a> |
| (S) 4-Bromofluorobenzene  | 102                |           |                 | 67.0-138        |          | 02/10/2021 03:29     | <a href="#">WG1618956</a> |
| (S) 1,2-Dichloroethane-d4 | 90.4               |           |                 | 70.0-130        |          | 02/10/2021 03:29     | <a href="#">WG1618956</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 1.69               | J         | 1.66            | 4.13            | 1        | 02/12/2021 22:55     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | 2.90               | J         | 0.283           | 4.13            | 1        | 02/12/2021 22:55     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 75.8               |           |                 | 18.0-148        |          | 02/12/2021 22:55     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 14:10

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 94.6   |           | 1        | 02/11/2021 13:22     | <a href="#">WG1619464</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 86.6               |           | 9.73            | 21.2            | 1        | 02/13/2021 23:49     | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0229          | 0.106           | 1        | 02/12/2021 03:55     | <a href="#">WG1620406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 97.9               |           |                 | 77.0-120        |          | 02/12/2021 03:55     | <a href="#">WG1620406</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000521        | 0.00112         | 1        | 02/10/2021 02:46     | <a href="#">WG1619010</a> |
| Toluene                   | U                  |           | 0.00145         | 0.00558         | 1        | 02/10/2021 02:46     | <a href="#">WG1619010</a> |
| Ethylbenzene              | U                  |           | 0.000822        | 0.00279         | 1        | 02/10/2021 02:46     | <a href="#">WG1619010</a> |
| Total Xylenes             | U                  |           | 0.000981        | 0.00725         | 1        | 02/10/2021 02:46     | <a href="#">WG1619010</a> |
| (S) Toluene-d8            | 96.6               |           |                 | 75.0-131        |          | 02/10/2021 02:46     | <a href="#">WG1619010</a> |
| (S) 4-Bromofluorobenzene  | 92.9               |           |                 | 67.0-138        |          | 02/10/2021 02:46     | <a href="#">WG1619010</a> |
| (S) 1,2-Dichloroethane-d4 | 89.9               |           |                 | 70.0-130        |          | 02/10/2021 02:46     | <a href="#">WG1619010</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 1.70            | 4.23            | 1        | 02/12/2021 23:09     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | U                  |           | 0.290           | 4.23            | 1        | 02/12/2021 23:09     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 70.9               |           |                 | 18.0-148        |          | 02/12/2021 23:09     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 14:20

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 93.4   |           | 1        | 02/11/2021 13:22     | <a href="#">WG1619464</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 23.2               |           | 9.85            | 21.4            | 1        | 02/13/2021 23:59     | <a href="#">WG1621055</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0232          | 0.107           | 1        | 02/12/2021 04:16     | <a href="#">WG1620406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 97.4               |           |                 | 77.0-120        |          | 02/12/2021 04:16     | <a href="#">WG1620406</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000532        | 0.00114         | 1        | 02/10/2021 03:05     | <a href="#">WG1619010</a> |
| Toluene                   | U                  |           | 0.00148         | 0.00570         | 1        | 02/10/2021 03:05     | <a href="#">WG1619010</a> |
| Ethylbenzene              | U                  |           | 0.000840        | 0.00285         | 1        | 02/10/2021 03:05     | <a href="#">WG1619010</a> |
| Total Xylenes             | U                  |           | 0.00100         | 0.00741         | 1        | 02/10/2021 03:05     | <a href="#">WG1619010</a> |
| (S) Toluene-d8            | 95.1               |           |                 | 75.0-131        |          | 02/10/2021 03:05     | <a href="#">WG1619010</a> |
| (S) 4-Bromofluorobenzene  | 92.5               |           |                 | 67.0-138        |          | 02/10/2021 03:05     | <a href="#">WG1619010</a> |
| (S) 1,2-Dichloroethane-d4 | 88.6               |           |                 | 70.0-130        |          | 02/10/2021 03:05     | <a href="#">WG1619010</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 1.72            | 4.28            | 1        | 02/12/2021 23:22     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | U                  |           | 0.293           | 4.28            | 1        | 02/12/2021 23:22     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 76.3               |           |                 | 18.0-148        |          | 02/12/2021 23:22     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 14:30

L1315214

**Total Solids by Method 2540 G-2011**

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 93.2   |           | 1        | 02/11/2021 13:22 | <a href="#">WG1619464</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

**Wet Chemistry by Method 300.0**

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | 51.8         |           | 9.87      | 21.5      | 1        | 02/14/2021 00:08 | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

**Volatile Organic Compounds (GC) by Method 8015D/GRO**

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0233    | 0.107     | 1        | 02/12/2021 04:37 | <a href="#">WG1620406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 97.6         |           |           | 77.0-120  |          | 02/12/2021 04:37 | <a href="#">WG1620406</a> |

**Volatile Organic Compounds (GC/MS) by Method 8260B**

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000535  | 0.00115   | 1        | 02/10/2021 03:24 | <a href="#">WG1619010</a> |
| Toluene                   | U            |           | 0.00149   | 0.00573   | 1        | 02/10/2021 03:24 | <a href="#">WG1619010</a> |
| Ethylbenzene              | U            |           | 0.000845  | 0.00287   | 1        | 02/10/2021 03:24 | <a href="#">WG1619010</a> |
| Total Xylenes             | U            |           | 0.00101   | 0.00745   | 1        | 02/10/2021 03:24 | <a href="#">WG1619010</a> |
| (S) Toluene-d8            | 96.1         |           |           | 75.0-131  |          | 02/10/2021 03:24 | <a href="#">WG1619010</a> |
| (S) 4-Bromofluorobenzene  | 93.1         |           |           | 67.0-138  |          | 02/10/2021 03:24 | <a href="#">WG1619010</a> |
| (S) 1,2-Dichloroethane-d4 | 87.8         |           |           | 70.0-130  |          | 02/10/2021 03:24 | <a href="#">WG1619010</a> |

- 8 Al
- 9 Sc

**Semi-Volatile Organic Compounds (GC) by Method 8015**

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | U            |           | 1.73      | 4.29      | 1        | 02/12/2021 23:35 | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | U            |           | 0.294     | 4.29      | 1        | 02/12/2021 23:35 | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 73.4         |           |           | 18.0-148  |          | 02/12/2021 23:35 | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 15:00

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 96.1   |           | 1        | 02/11/2021 13:22     | <a href="#">WG1619464</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 2470               |           | 47.9            | 104             | 5        | 02/14/2021 00:18     | <a href="#">WG1621055</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0226          | 0.104           | 1        | 02/12/2021 04:58     | <a href="#">WG1620406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 97.1               |           |                 | 77.0-120        |          | 02/12/2021 04:58     | <a href="#">WG1620406</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000505        | 0.00108         | 1        | 02/10/2021 03:43     | <a href="#">WG1619010</a> |
| Toluene                   | U                  |           | 0.00141         | 0.00540         | 1        | 02/10/2021 03:43     | <a href="#">WG1619010</a> |
| Ethylbenzene              | U                  |           | 0.000797        | 0.00270         | 1        | 02/10/2021 03:43     | <a href="#">WG1619010</a> |
| Total Xylenes             | U                  |           | 0.000951        | 0.00703         | 1        | 02/10/2021 03:43     | <a href="#">WG1619010</a> |
| (S) Toluene-d8            | 97.2               |           |                 | 75.0-131        |          | 02/10/2021 03:43     | <a href="#">WG1619010</a> |
| (S) 4-Bromofluorobenzene  | 92.6               |           |                 | 67.0-138        |          | 02/10/2021 03:43     | <a href="#">WG1619010</a> |
| (S) 1,2-Dichloroethane-d4 | 88.5               |           |                 | 70.0-130        |          | 02/10/2021 03:43     | <a href="#">WG1619010</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 1.67            | 4.16            | 1        | 02/12/2021 23:49     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | 0.438              | J         | 0.285           | 4.16            | 1        | 02/12/2021 23:49     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 63.1               |           |                 | 18.0-148        |          | 02/12/2021 23:49     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 15:10

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 96.1   |           | 1        | 02/11/2021 13:22     | <a href="#">WG1619464</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 1830               |           | 47.9            | 104             | 5        | 02/14/2021 00:47     | <a href="#">WG1621055</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0226          | 0.104           | 1        | 02/12/2021 05:19     | <a href="#">WG1620406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 97.3               |           |                 | 77.0-120        |          | 02/12/2021 05:19     | <a href="#">WG1620406</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000505        | 0.00108         | 1        | 02/10/2021 04:02     | <a href="#">WG1619010</a> |
| Toluene                   | U                  |           | 0.00141         | 0.00541         | 1        | 02/10/2021 04:02     | <a href="#">WG1619010</a> |
| Ethylbenzene              | U                  |           | 0.000797        | 0.00270         | 1        | 02/10/2021 04:02     | <a href="#">WG1619010</a> |
| Total Xylenes             | U                  |           | 0.000952        | 0.00703         | 1        | 02/10/2021 04:02     | <a href="#">WG1619010</a> |
| (S) Toluene-d8            | 96.4               |           |                 | 75.0-131        |          | 02/10/2021 04:02     | <a href="#">WG1619010</a> |
| (S) 4-Bromofluorobenzene  | 93.2               |           |                 | 67.0-138        |          | 02/10/2021 04:02     | <a href="#">WG1619010</a> |
| (S) 1,2-Dichloroethane-d4 | 87.6               |           |                 | 70.0-130        |          | 02/10/2021 04:02     | <a href="#">WG1619010</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 1.68            | 4.16            | 1        | 02/13/2021 00:29     | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | U                  |           | 0.285           | 4.16            | 1        | 02/13/2021 00:29     | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 68.5               |           |                 | 18.0-148        |          | 02/13/2021 00:29     | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 15:20

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 94.6   |           | 1        | 02/11/2021 12:49 | <a href="#">WG1619478</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|          | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Chloride | 1360         |           | 48.6      | 106       | 5        | 02/14/2021 00:56 | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| TPH (GC/FID) Low Fraction       | U            |           | 0.0229    | 0.106     | 1        | 02/12/2021 05:39 | <a href="#">WG1620406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 97.6         |           |           | 77.0-120  |          | 02/12/2021 05:39 | <a href="#">WG1620406</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |           | 0.000520  | 0.00111   | 1        | 02/10/2021 04:21 | <a href="#">WG1619010</a> |
| Toluene                   | U            |           | 0.00145   | 0.00557   | 1        | 02/10/2021 04:21 | <a href="#">WG1619010</a> |
| Ethylbenzene              | U            |           | 0.000821  | 0.00279   | 1        | 02/10/2021 04:21 | <a href="#">WG1619010</a> |
| Total Xylenes             | U            |           | 0.000981  | 0.00724   | 1        | 02/10/2021 04:21 | <a href="#">WG1619010</a> |
| (S) Toluene-d8            | 96.1         |           |           | 75.0-131  |          | 02/10/2021 04:21 | <a href="#">WG1619010</a> |
| (S) 4-Bromofluorobenzene  | 93.3         |           |           | 67.0-138  |          | 02/10/2021 04:21 | <a href="#">WG1619010</a> |
| (S) 1,2-Dichloroethane-d4 | 87.0         |           |           | 70.0-130  |          | 02/10/2021 04:21 | <a href="#">WG1619010</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                      | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| C10-C28 Diesel Range | U            |           | 1.70      | 4.23      | 1        | 02/13/2021 00:42 | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | U            |           | 0.290     | 4.23      | 1        | 02/13/2021 00:42 | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 72.4         |           |           | 18.0-148  |          | 02/13/2021 00:42 | <a href="#">WG1620093</a> |

Collected date/time: 02/02/21 15:30

L1315214

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 94.4   |           | 1        | 02/11/2021 12:49 | <a href="#">WG1619478</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|          | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Chloride | 1410         |           | 48.7      | 106       | 5        | 02/14/2021 01:06 | <a href="#">WG1621055</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| TPH (GC/FID) Low Fraction       | U            |           | 0.0230    | 0.106     | 1        | 02/12/2021 06:00 | <a href="#">WG1620406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 97.1         |           |           | 77.0-120  |          | 02/12/2021 06:00 | <a href="#">WG1620406</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |           | 0.000522  | 0.00112   | 1        | 02/10/2021 04:40 | <a href="#">WG1619010</a> |
| Toluene                   | U            |           | 0.00145   | 0.00559   | 1        | 02/10/2021 04:40 | <a href="#">WG1619010</a> |
| Ethylbenzene              | U            |           | 0.000824  | 0.00280   | 1        | 02/10/2021 04:40 | <a href="#">WG1619010</a> |
| Total Xylenes             | U            |           | 0.000984  | 0.00727   | 1        | 02/10/2021 04:40 | <a href="#">WG1619010</a> |
| (S) Toluene-d8            | 96.7         |           |           | 75.0-131  |          | 02/10/2021 04:40 | <a href="#">WG1619010</a> |
| (S) 4-Bromofluorobenzene  | 93.0         |           |           | 67.0-138  |          | 02/10/2021 04:40 | <a href="#">WG1619010</a> |
| (S) 1,2-Dichloroethane-d4 | 89.4         |           |           | 70.0-130  |          | 02/10/2021 04:40 | <a href="#">WG1619010</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                      | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| C10-C28 Diesel Range | U            |           | 1.71      | 4.24      | 1        | 02/13/2021 00:55 | <a href="#">WG1620093</a> |
| C28-C40 Oil Range    | U            |           | 0.290     | 4.24      | 1        | 02/13/2021 00:55 | <a href="#">WG1620093</a> |
| (S) o-Terphenyl      | 77.4         |           |           | 18.0-148  |          | 02/13/2021 00:55 | <a href="#">WG1620093</a> |

Total Solids by Method 2540 G-2011

[L1315214-01,02](#)

Method Blank (MB)

(MB) R3621956-1 02/11/21 15:58

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
|              | %         |              | %      | %      |
| Total Solids | 0.00200   |              |        |        |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1315205-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1315205-11 02/11/21 15:58 • (DUP) R3621956-3 02/11/21 15:58

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
|              | %               | %          |          | %       |               | %              |
| Total Solids | 84.8            | 86.5       | 1        | 2.01    |               | 10             |

Laboratory Control Sample (LCS)

(LCS) R3621956-2 02/11/21 15:58

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
|              | %            | %          | %        | %           |               |
| Total Solids | 50.0         | 50.0       | 100      | 85.0-115    |               |

Total Solids by Method 2540 G-2011

[L1315214-03,04,05,06,07,08,09,10,11,12](#)

Method Blank (MB)

(MB) R3622003-1 02/11/21 13:30

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
|              | %         |              | %      | %      |
| Total Solids | 0.000     |              |        |        |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1315214-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1315214-08 02/11/21 13:30 • (DUP) R3622003-3 02/11/21 13:30

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
|              | %               | %          |          | %       |               | %              |
| Total Solids | 93.4            | 93.6       | 1        | 0.260   |               | 10             |

Laboratory Control Sample (LCS)

(LCS) R3622003-2 02/11/21 13:30

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
|              | %            | %          | %        | %           |               |
| Total Solids | 50.0         | 50.0       | 100      | 85.0-115    |               |

W01619484  
Total Solids by Method 2540 G-2011

[L1315214-13,14,15,16,17,18,19,20,21,22](#)

Method Blank (MB)

(MB) R3621997-1 02/11/21 13:22

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
|              | %         |              | %      | %      |
| Total Solids | 0.000     |              |        |        |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1315214-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1315214-19 02/11/21 13:22 • (DUP) R3621997-3 02/11/21 13:22

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
|              | %               | %          |          | %       |               | %              |
| Total Solids | 93.4            | 93.3       | 1        | 0.139   |               | 10             |

Laboratory Control Sample (LCS)

(LCS) R3621997-2 02/11/21 13:22

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
|              | %            | %          | %        | %           |               |
| Total Solids | 50.0         | 50.0       | 100      | 85.0-115    |               |

Total Solids by Method 2540 G-2011

[L1315214-23,24](#)

Method Blank (MB)

(MB) R3621987-1 02/11/21 12:49

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
|              | %         |              | %      | %      |
| Total Solids | 0.00200   |              |        |        |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1315221-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1315221-01 02/11/21 12:49 • (DUP) R3621987-3 02/11/21 12:49

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
|              | %               | %          |          | %       |               | %              |
| Total Solids | 72.3            | 78.4       | 1        | 8.10    |               | 10             |

Laboratory Control Sample (LCS)

(LCS) R3621987-2 02/11/21 12:49

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
|              | %            | %          | %        | %           |               |
| Total Solids | 50.0         | 50.0       | 99.9     | 85.0-115    |               |

Wet Chemistry by Method 300.0

[L1315214-01,02,03,04,05,06](#)

Method Blank (MB)

(MB) R3621915-1 02/11/21 19:16

| Analyte  | MB Result | MB Qualifier | MB MDL | MB RDL |
|----------|-----------|--------------|--------|--------|
| Chloride | U         |              | 9.20   | 20.0   |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1314754-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1314754-01 02/11/21 23:05 • (DUP) R3621915-3 02/11/21 23:14

| Analyte  | Original Result (dry) | DUP Result (dry) | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------------|------------------|----------|---------|---------------|----------------|
| Chloride | 34.1                  | 29.9             | 1        | 13.1    |               | 20             |

L1315663-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1315663-05 02/12/21 03:21 • (DUP) R3621915-6 02/12/21 03:31

| Analyte  | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------|------------|----------|---------|---------------|----------------|
| Chloride | 1630            | 1540       | 5        | 5.37    |               | 20             |

Laboratory Control Sample (LCS)

(LCS) R3621915-2 02/11/21 19:25

| Analyte  | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------|--------------|------------|----------|-------------|---------------|
| Chloride | 200          | 194        | 97.1     | 90.0-110    |               |

L1315214-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315214-01 02/12/21 00:58 • (MS) R3621915-4 02/12/21 01:08 • (MSD) R3621915-5 02/12/21 01:17

| Analyte  | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|----------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| Chloride | 545                | 13700                 | 15000           | 14700            | 254     | 199      | 1        | 80.0-120    | <u>EV</u>    | <u>EV</u>     | 2.01 | 20         |

Wet Chemistry by Method 300.0

[L1315214-07,08,09,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24](#)

Method Blank (MB)

(MB) R3622393-1 02/13/21 20:23

| Analyte  | MB Result | MB Qualifier | MB MDL | MB RDL |
|----------|-----------|--------------|--------|--------|
| Chloride | U         |              | 9.20   | 20.0   |

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

L1315214-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1315214-08 02/13/21 21:46 • (DUP) R3622393-5 02/13/21 21:55

| Analyte  | Original Result (dry) | DUP Result (dry) | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------------|------------------|----------|---------|---------------|----------------|
| Chloride | 1640                  | 1690             | 5        | 3.02    |               | 20             |

L1315214-24 Original Sample (OS) • Duplicate (DUP)

(OS) L1315214-24 02/14/21 01:06 • (DUP) R3622393-6 02/14/21 01:15

| Analyte  | Original Result (dry) | DUP Result (dry) | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------------|------------------|----------|---------|---------------|----------------|
| Chloride | 1410                  | 1210             | 5        | 15.3    |               | 20             |

Laboratory Control Sample (LCS)

(LCS) R3622393-2 02/13/21 20:33

| Analyte  | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------|--------------|------------|----------|-------------|---------------|
| Chloride | 200          | 195        | 97.7     | 90.0-110    |               |

L1315214-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315214-07 02/13/21 21:18 • (MS) R3622393-3 02/13/21 21:27 • (MSD) R3622393-4 02/13/21 21:36

| Analyte  | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|----------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| Chloride | 109                | 2120                  | 2590            | 2520             | 85.3    | 72.6     | 5        | 80.0-120    |              | J6            | 2.68 | 20         |

Volatile Organic Compounds (GC) by Method 8015D/GRO

[L1315214-01,02,03,04](#)

Method Blank (MB)

(MB) R3622002-1 02/11/21 22:08

| Analyte                            | MB Result | MB Qualifier | MB MDL | MB RDL   |
|------------------------------------|-----------|--------------|--------|----------|
| TPH (GC/FID) Low Fraction          | U         |              | 0.0217 | 0.100    |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 117       |              |        | 77.0-120 |

Laboratory Control Sample (LCS)

(LCS) R3622002-2 02/11/21 23:38

| Analyte                            | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------------------------|--------------|------------|----------|-------------|---------------|
| TPH (GC/FID) Low Fraction          | 5.50         | 4.08       | 74.2     | 72.0-127    |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |            | 102      | 77.0-120    |               |

L1315190-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315190-01 02/12/21 07:39 • (MS) R3622002-3 02/12/21 08:01 • (MSD) R3622002-4 02/12/21 08:23

| Analyte                            | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|------------------------------------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| TPH (GC/FID) Low Fraction          | 623                | 364                   | 896             | 1210             | 85.5    | 136      | 100      | 10.0-151    |              | J3            | 30.0 | 28         |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                    |                       |                 |                  | 109     | 116      |          | 77.0-120    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method 8015D/GRO

[L1315214-05,06,07,08,09,10,11,12,13,14,15](#)

Method Blank (MB)

(MB) R3621832-3 02/11/21 11:18

| Analyte                            | MB Result | MB Qualifier | MB MDL | MB RDL   |
|------------------------------------|-----------|--------------|--------|----------|
| TPH (GC/FID) Low Fraction          | U         |              | 0.0217 | 0.100    |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 116       |              |        | 77.0-120 |

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

(LCS) R3621832-1 02/11/21 10:00 • (LCSD) R3621832-2 02/11/21 10:22

| Analyte                            | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD  | RPD Limits |
|------------------------------------|--------------|------------|-------------|----------|-----------|-------------|---------------|----------------|------|------------|
| TPH (GC/FID) Low Fraction          | 5.50         | 5.09       | 5.73        | 92.5     | 104       | 72.0-127    |               |                | 11.8 | 20         |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |            |             | 102      | 102       | 77.0-120    |               |                |      |            |

L1314775-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1314775-01 02/11/21 13:08 • (MS) R3621832-4 02/11/21 19:48 • (MSD) R3621832-5 02/11/21 20:10

| Analyte                            | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|------------------------------------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| TPH (GC/FID) Low Fraction          | 138                | 4.77                  | 156             | 193              | 113     | 139      | 25       | 10.0-151    |              |               | 21.2 | 28         |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                    |                       |                 |                  | 110     | 117      |          | 77.0-120    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method 8015D/GRO

[L1315214-16,17,18,19,20,21,22,23,24](#)

Method Blank (MB)

(MB) R3622509-2 02/11/21 22:05

| Analyte                            | MB Result | MB Qualifier | MB MDL | MB RDL   |
|------------------------------------|-----------|--------------|--------|----------|
|                                    | mg/kg     |              | mg/kg  | mg/kg    |
| TPH (GC/FID) Low Fraction          | U         |              | 0.0217 | 0.100    |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 98.6      |              |        | 77.0-120 |

Laboratory Control Sample (LCS)

(LCS) R3622509-1 02/11/21 21:23

| Analyte                            | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------------------------|--------------|------------|----------|-------------|---------------|
|                                    | mg/kg        | mg/kg      | %        | %           |               |
| TPH (GC/FID) Low Fraction          | 5.50         | 6.12       | 111      | 72.0-127    |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |            | 105      | 77.0-120    |               |

L1316198-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1316198-01 02/12/21 02:32 • (MS) R3622509-3 02/12/21 07:03 • (MSD) R3622509-4 02/12/21 07:23

| Analyte                            | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|------------------------------------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
|                                    | mg/kg              | mg/kg                 | mg/kg           | mg/kg            | %       | %        |          | %           |              |               | %    | %          |
| TPH (GC/FID) Low Fraction          | 232                | U                     | 157             | 150              | 67.7    | 64.6     | 28.7     | 10.0-151    |              |               | 4.78 | 28         |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                    |                       |                 |                  | 105     | 105      |          | 77.0-120    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

L1315214-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

Method Blank (MB)

(MB) R3621596-2 02/09/21 21:10

| Analyte                   | MB Result | MB Qualifier | MB MDL   | MB RDL   |
|---------------------------|-----------|--------------|----------|----------|
|                           | mg/kg     |              | mg/kg    | mg/kg    |
| Benzene                   | U         |              | 0.000467 | 0.00100  |
| Ethylbenzene              | U         |              | 0.000737 | 0.00250  |
| Toluene                   | U         |              | 0.00130  | 0.00500  |
| Xylenes, Total            | U         |              | 0.000880 | 0.00650  |
| (S) Toluene-d8            | 97.1      |              |          | 75.0-131 |
| (S) 4-Bromofluorobenzene  | 98.2      |              |          | 67.0-138 |
| (S) 1,2-Dichloroethane-d4 | 94.0      |              |          | 70.0-130 |

Laboratory Control Sample (LCS)

(LCS) R3621596-1 02/09/21 20:13

| Analyte                   | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------------------------|--------------|------------|----------|-------------|---------------|
|                           | mg/kg        | mg/kg      | %        | %           |               |
| Benzene                   | 0.125        | 0.124      | 99.2     | 70.0-123    |               |
| Ethylbenzene              | 0.125        | 0.113      | 90.4     | 74.0-126    |               |
| Toluene                   | 0.125        | 0.107      | 85.6     | 75.0-121    |               |
| Xylenes, Total            | 0.375        | 0.353      | 94.1     | 72.0-127    |               |
| (S) Toluene-d8            |              |            | 89.4     | 75.0-131    |               |
| (S) 4-Bromofluorobenzene  |              |            | 109      | 67.0-138    |               |
| (S) 1,2-Dichloroethane-d4 |              |            | 106      | 70.0-130    |               |

L1315214-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315214-05 02/09/21 23:42 • (MS) R3621596-3 02/10/21 03:48 • (MSD) R3621596-4 02/10/21 04:07

| Analyte                   | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD   | RPD Limits |
|---------------------------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
|                           | mg/kg              | mg/kg                 | mg/kg           | mg/kg            | %       | %        |          | %           |              |               | %     | %          |
| Benzene                   | 0.150              | U                     | 0.203           | 0.202            | 135     | 134      | 1        | 10.0-149    |              |               | 0.593 | 37         |
| Ethylbenzene              | 0.150              | U                     | 0.185           | 0.190            | 123     | 126      | 1        | 10.0-160    |              |               | 2.56  | 38         |
| Toluene                   | 0.150              | U                     | 0.189           | 0.190            | 126     | 126      | 1        | 10.0-156    |              |               | 0.635 | 38         |
| Xylenes, Total            | 0.450              | U                     | 0.556           | 0.561            | 123     | 125      | 1        | 10.0-160    |              |               | 0.860 | 38         |
| (S) Toluene-d8            |                    |                       |                 |                  | 96.0    | 95.5     |          | 75.0-131    |              |               |       |            |
| (S) 4-Bromofluorobenzene  |                    |                       |                 |                  | 99.7    | 100      |          | 67.0-138    |              |               |       |            |
| (S) 1,2-Dichloroethane-d4 |                    |                       |                 |                  | 87.4    | 92.6     |          | 70.0-130    |              |               |       |            |

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

Volatile Organic Compounds (GC/MS) by Method 8260B

[L1315214-18,19,20,21,22,23,24](#)

Method Blank (MB)

(MB) R3621568-2 02/10/21 01:29

| Analyte                   | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene                   | 0.000525           | ↓            | 0.000467        | 0.00100         |
| Ethylbenzene              | U                  |              | 0.000737        | 0.00250         |
| Toluene                   | U                  |              | 0.00130         | 0.00500         |
| Xylenes, Total            | U                  |              | 0.000880        | 0.00650         |
| (S) Toluene-d8            | 96.8               |              |                 | 75.0-131        |
| (S) 4-Bromofluorobenzene  | 96.1               |              |                 | 67.0-138        |
| (S) 1,2-Dichloroethane-d4 | 96.3               |              |                 | 70.0-130        |

Laboratory Control Sample (LCS)

(LCS) R3621568-1 02/09/21 22:01

| Analyte                   | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|---------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Benzene                   | 0.125                 | 0.117               | 93.6          | 70.0-123         |               |
| Ethylbenzene              | 0.125                 | 0.101               | 80.8          | 74.0-126         |               |
| Toluene                   | 0.125                 | 0.104               | 83.2          | 75.0-121         |               |
| Xylenes, Total            | 0.375                 | 0.305               | 81.3          | 72.0-127         |               |
| (S) Toluene-d8            |                       |                     | 92.8          | 75.0-131         |               |
| (S) 4-Bromofluorobenzene  |                       |                     | 99.2          | 67.0-138         |               |
| (S) 1,2-Dichloroethane-d4 |                       |                     | 98.3          | 70.0-130         |               |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

[L1315214-01](#)

Method Blank (MB)

(MB) R3622321-1 02/12/21 15:35

| Analyte              | MB Result | MB Qualifier | MB MDL | MB RDL   |
|----------------------|-----------|--------------|--------|----------|
|                      | mg/kg     |              | mg/kg  | mg/kg    |
| C10-C28 Diesel Range | U         |              | 1.61   | 4.00     |
| C28-C40 Oil Range    | 0.795     | J            | 0.274  | 4.00     |
| (S) o-Terphenyl      | 78.4      |              |        | 18.0-148 |

Laboratory Control Sample (LCS)

(LCS) R3622321-2 02/12/21 15:48

| Analyte              | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------------------|--------------|------------|----------|-------------|---------------|
|                      | mg/kg        | mg/kg      | %        | %           |               |
| C10-C28 Diesel Range | 50.0         | 38.1       | 76.2     | 50.0-150    |               |
| (S) o-Terphenyl      |              |            | 72.1     | 18.0-148    |               |

L1315655-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315655-01 02/12/21 16:28 • (MS) R3622321-3 02/12/21 16:41 • (MSD) R3622321-4 02/12/21 16:55

| Analyte              | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|----------------------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
|                      | mg/kg              | mg/kg                 | mg/kg           | mg/kg            | %       | %        |          | %           |              |               | %    | %          |
| C10-C28 Diesel Range | 55.0               | U                     | 37.3            | 49.5             | 67.7    | 89.3     | 1        | 50.0-150    |              | J3            | 28.1 | 20         |
| (S) o-Terphenyl      |                    |                       |                 |                  | 62.7    | 83.6     |          | 18.0-148    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

[L1315214-02.03.04.05.06](#)

Method Blank (MB)

(MB) R3622277-1 02/12/21 23:25

| Analyte              | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------------------|--------------------|--------------|-----------------|-----------------|
| C10-C28 Diesel Range | U                  |              | 1.61            | 4.00            |
| C28-C40 Oil Range    | 1.70               | J            | 0.274           | 4.00            |
| (S) o-Terphenyl      | 69.7               |              |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R3622277-2 02/12/21 23:39

| Analyte              | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------|-----------------------|---------------------|---------------|------------------|---------------|
| C10-C28 Diesel Range | 50.0                  | 37.6                | 75.2          | 50.0-150         |               |
| (S) o-Terphenyl      |                       |                     | 94.6          | 18.0-148         |               |

L1314998-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1314998-01 02/12/21 23:53 • (MS) R3622277-3 02/13/21 00:06 • (MSD) R3622277-4 02/13/21 00:20

| Analyte              | Spike Amount<br>(dry)<br>mg/kg | Original Result<br>(dry) | MS Result (dry) | MSD Result<br>(dry) | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------------------|--------------------------------|--------------------------|-----------------|---------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| C10-C28 Diesel Range | 48.9                           | U                        | 47.9            | 47.9                | 75.5         | 75.0          | 1        | 50.0-150         |              |               | 0.000    | 20              |
| (S) o-Terphenyl      |                                |                          |                 |                     | 89.1         | 86.0          |          | 18.0-148         |              |               |          |                 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

[L1315214-09,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24](#)

Method Blank (MB)

(MB) R3622322-1 02/12/21 16:01

| Analyte              | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------------------|--------------------|--------------|-----------------|-----------------|
| C10-C28 Diesel Range | U                  |              | 1.61            | 4.00            |
| C28-C40 Oil Range    | U                  |              | 0.274           | 4.00            |
| (S) o-Terphenyl      | 88.3               |              |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R3622322-2 02/12/21 16:15

| Analyte              | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------|-----------------------|---------------------|---------------|------------------|---------------|
| C10-C28 Diesel Range | 50.0                  | 47.4                | 94.8          | 50.0-150         |               |
| (S) o-Terphenyl      |                       |                     | 89.5          | 18.0-148         |               |

L1315214-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315214-21 02/12/21 23:49 • (MS) R3622322-3 02/13/21 00:02 • (MSD) R3622322-4 02/13/21 00:16

| Analyte              | Spike Amount (dry)<br>mg/kg | Original Result (dry)<br>mg/kg | MS Result (dry)<br>mg/kg | MSD Result (dry)<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------------------|-----------------------------|--------------------------------|--------------------------|---------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| C10-C28 Diesel Range | 51.5                        | U                              | 42.5                     | 39.9                      | 82.6         | 78.4          | 1        | 50.0-150         |              |               | 6.31     | 20              |
| (S) o-Terphenyl      |                             |                                |                          |                           | 71.1         | 68.7          |          | 18.0-148         |              |               |          |                 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

[L1315214-07.08](#)

Method Blank (MB)

(MB) R3622344-1 02/13/21 16:23

| Analyte              | MB Result | MB Qualifier | MB MDL | MB RDL   |
|----------------------|-----------|--------------|--------|----------|
|                      | mg/kg     |              | mg/kg  | mg/kg    |
| C10-C28 Diesel Range | U         |              | 1.61   | 4.00     |
| C28-C40 Oil Range    | U         |              | 0.274  | 4.00     |
| (S) o-Terphenyl      | 71.6      |              |        | 18.0-148 |

Laboratory Control Sample (LCS)

(LCS) R3622344-2 02/13/21 16:36

| Analyte              | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------------------|--------------|------------|----------|-------------|---------------|
|                      | mg/kg        | mg/kg      | %        | %           |               |
| C10-C28 Diesel Range | 50.0         | 34.3       | 68.6     | 50.0-150    |               |
| (S) o-Terphenyl      |              |            | 69.7     | 18.0-148    |               |

L1316754-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1316754-01 02/13/21 19:57 • (MS) R3622344-3 02/13/21 20:10 • (MSD) R3622344-4 02/13/21 20:23

| Analyte              | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|----------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
|                      | mg/kg        | mg/kg           | mg/kg     | mg/kg      | %       | %        |          | %           |              |               | %    | %          |
| C10-C28 Diesel Range | 48.8         | 41.4            | 63.5      | 72.2       | 45.3    | 63.4     | 1        | 50.0-150    | J6           |               | 12.8 | 20         |
| (S) o-Terphenyl      |              |                 |           |            | 49.1    | 45.5     |          | 18.0-148    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Guide to Reading and Understanding Your Laboratory Report

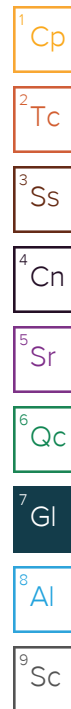
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

### Abbreviations and Definitions

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

| Qualifier | Description   |
|-----------|---|
| B         | The same analyte is found in the associated blank.  |
| E         | The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL). |
| J         | The identification of the analyte is acceptable; the reported value is an estimate.   |
| J3        | The associated batch QC was outside the established quality control range for precision.  |
| J6        | The sample matrix interfered with the ability to make any accurate determination; spike value is low.                                       |
| V         | The sample concentration is too high to evaluate accurate spike recoveries.   |



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

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|                               |             |                             |                  |
|-------------------------------|-------------|-----------------------------|------------------|
| Alabama                       | 40660       | Nebraska                    | NE-OS-15-05      |
| Alaska                        | 17-026      | Nevada                      | TN000032021-1    |
| Arizona                       | AZ0612      | New Hampshire               | 2975             |
| Arkansas                      | 88-0469     | New Jersey-NELAP            | TN002            |
| California                    | 2932        | New Mexico <sup>1</sup>     | TN00003          |
| Colorado                      | TN00003     | New York                    | 11742            |
| Connecticut                   | PH-0197     | North Carolina              | Env375           |
| Florida                       | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                       | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>          | 923         | North Dakota                | R-140            |
| Idaho                         | TN00003     | Ohio-VAP                    | CL0069           |
| Illinois                      | 200008      | Oklahoma                    | 9915             |
| Indiana                       | C-TN-01     | Oregon                      | TN200002         |
| Iowa                          | 364         | Pennsylvania                | 68-02979         |
| Kansas                        | E-10277     | Rhode Island                | LAO00356         |
| Kentucky <sup>1,6</sup>       | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>         | 16          | South Dakota                | n/a              |
| Louisiana                     | AI30792     | Tennessee <sup>1,4</sup>    | 2006             |
| Louisiana                     | LA018       | Texas                       | T104704245-20-18 |
| Maine                         | TN00003     | Texas <sup>5</sup>          | LAB0152          |
| Maryland                      | 324         | Utah                        | TN000032021-11   |
| Massachusetts                 | M-TN003     | Vermont                     | VT2006           |
| Michigan                      | 9958        | Virginia                    | 110033           |
| Minnesota                     | 047-999-395 | Washington                  | C847             |
| Mississippi                   | TN00003     | West Virginia               | 233              |
| Missouri                      | 340         | Wisconsin                   | 998093910        |
| Montana                       | CERT0086    | Wyoming                     | AZLA             |
| A2LA – ISO 17025              | 1461.01     | AIHA-LAP,LLC EMLAP          | 100789           |
| A2LA – ISO 17025 <sup>5</sup> | 1461.02     | DOD                         | 1461.01          |
| Canada                        | 1461.01     | USDA                        | P330-15-00234    |
| EPA-Crypto                    | TN00003     |                             |                  |

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|                                   |       |
|-----------------------------------|-------|
| Alabama                           | 40160 |
| ANSI National Accreditation Board | L2239 |

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|              |             |            |          |
|--------------|-------------|------------|----------|
| California   | 2961        | Oregon     | CA300002 |
| Minnesota    | 006-999-465 | Washington | C926     |
| North Dakota | R-214       |            |          |

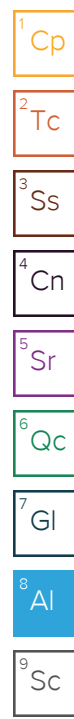
Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

|        |               |
|--------|---------------|
| Nevada | NV009412021-1 |
|--------|---------------|

Pace Analytical National 1606 E. Brazos Street Suite D Victoria, TX, 77901

|       |                  |
|-------|------------------|
| Texas | T104704328-20-18 |
|-------|------------------|

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











# ANALYTICAL REPORT

March 16, 2021

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

## ConocoPhillips - Tetra Tech

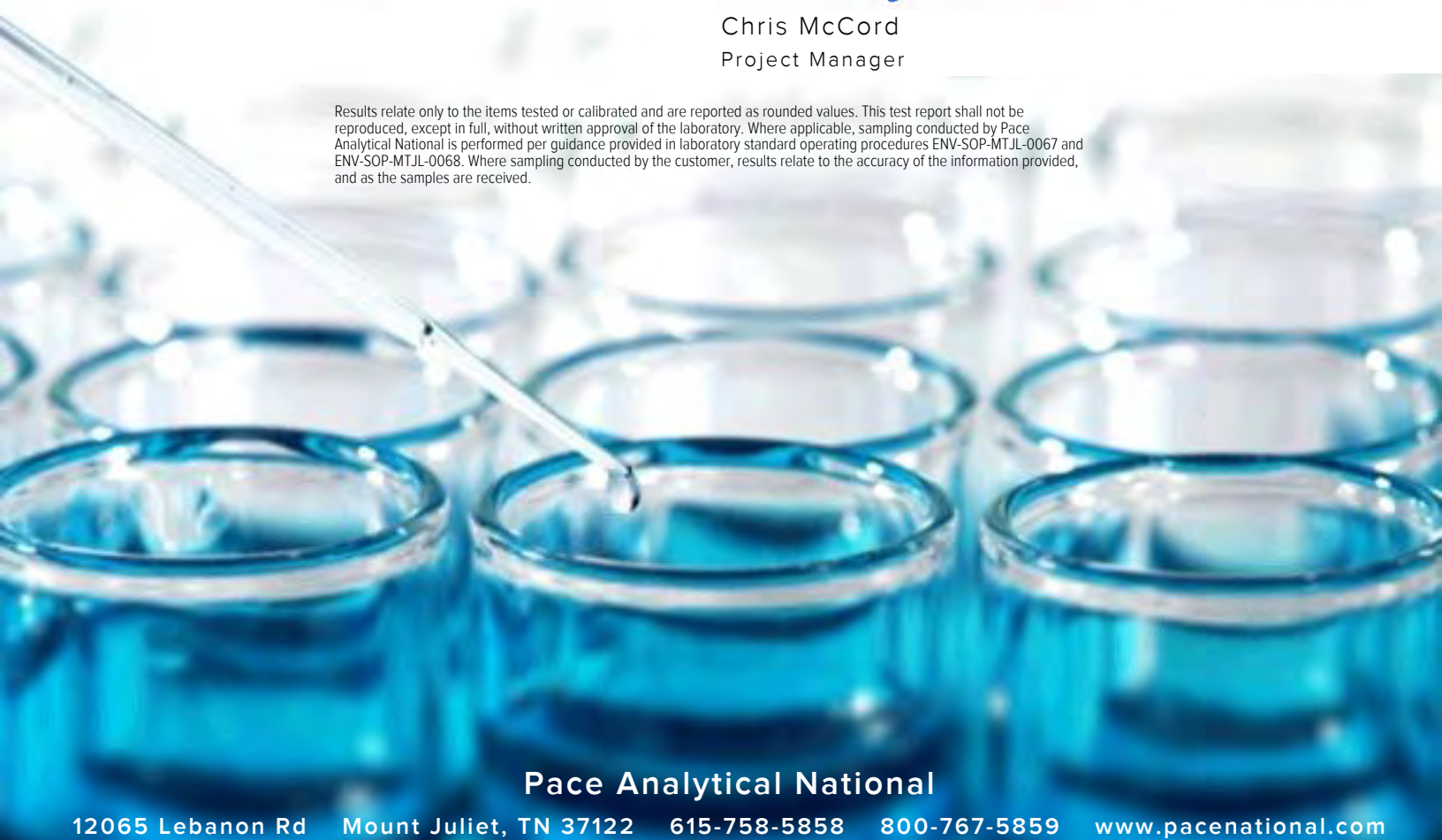
Sample Delivery Group: L1324058  
 Samples Received: 03/06/2021  
 Project Number: 212-MD-02413  
 Description: James E. #001

Report To: Christian Lull  
 901 West Wall  
 Suite 100  
 Midland, TX 79701

Entire Report Reviewed By:

Chris McCord  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

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

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    AH 4 (2'-3') L1324058-09 16

    AH 5 (0'-1') L1324058-10 17

    AH-5 (2'-3') L1324058-11 18

    AH-6 (0'-1') L1324058-12 19

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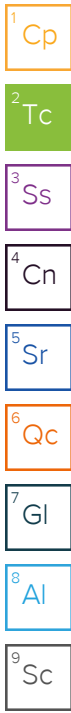
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AH 1 (0'-1') L1324058-01 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 08:00  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631707 | 1        | 03/09/21 17:09        | 03/09/21 17:17     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 21:06     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1633406 | 1        | 03/08/21 15:10        | 03/12/21 05:46     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1631712 | 1        | 03/08/21 15:10        | 03/10/21 00:17     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 15:48     | JN      | Mt. Juliet, TN |

1 Cp

2 Tc

3 Ss

4 Cn

AH 1 (2'-3') L1324058-02 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 08:30  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631707 | 1        | 03/09/21 17:09        | 03/09/21 17:17     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 21:43     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1633406 | 1        | 03/08/21 15:10        | 03/12/21 06:08     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1631712 | 1        | 03/08/21 15:10        | 03/10/21 00:36     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 16:02     | JN      | Mt. Juliet, TN |

5 Sr

6 Qc

7 Gl

8 Al

AH 2 (0'-1') L1324058-03 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 09:00  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631707 | 1        | 03/09/21 17:09        | 03/09/21 17:17     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 10       | 03/13/21 17:07        | 03/13/21 21:53     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1633406 | 1        | 03/08/21 15:10        | 03/12/21 06:30     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1631712 | 1        | 03/08/21 15:10        | 03/10/21 00:55     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 19:39     | JN      | Mt. Juliet, TN |

9 Sc

AH 2 (2'-3') L1324058-04 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 09:30  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631707 | 1        | 03/09/21 17:09        | 03/09/21 17:17     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 10       | 03/13/21 17:07        | 03/13/21 22:02     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1633406 | 1        | 03/08/21 15:10        | 03/12/21 06:52     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1631712 | 1        | 03/08/21 15:10        | 03/10/21 01:14     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 16:18     | JN      | Mt. Juliet, TN |

AH 2 (4'-5') L1324058-05 Solid

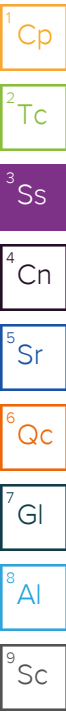
Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 10:00  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 22:12     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1633406 | 1        | 03/08/21 15:10        | 03/12/21 07:14     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 08:42     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 19:52     | JN      | Mt. Juliet, TN |

AH 3 (0'-1') L1324058-06 Solid

Collected by Adrian Garcia  
 Collected date/time 03/03/21 10:30  
 Received date/time 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 22:40     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1633406 | 1        | 03/08/21 15:10        | 03/12/21 07:36     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 09:01     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 20:05     | JN      | Mt. Juliet, TN |



AH 3 (2'-3') L1324058-07 Solid

Collected by Adrian Garcia  
 Collected date/time 03/03/21 11:00  
 Received date/time 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 22:50     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632935 | 1        | 03/08/21 15:10        | 03/11/21 22:08     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 09:20     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 16:31     | JN      | Mt. Juliet, TN |

AH 4 (0'-1') L1324058-08 Solid

Collected by Adrian Garcia  
 Collected date/time 03/03/21 11:30  
 Received date/time 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 23:00     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632935 | 1        | 03/08/21 15:10        | 03/11/21 22:32     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 09:39     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 16:44     | JN      | Mt. Juliet, TN |

AH 4 (2'-3') L1324058-09 Solid

Collected by Adrian Garcia  
 Collected date/time 03/03/21 12:00  
 Received date/time 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 23:09     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632935 | 1        | 03/08/21 15:10        | 03/11/21 22:55     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 09:58     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 16:57     | JN      | Mt. Juliet, TN |

AH 5 (0'-1') L1324058-10 Solid

Collected by Adrian Garcia  
 Collected date/time 03/03/21 12:30  
 Received date/time 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 23:19     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632935 | 1        | 03/08/21 15:10        | 03/11/21 23:18     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 10:17     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 20:18     | JN      | Mt. Juliet, TN |

AH-5 (2'-3') L1324058-11 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 14:10  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 23:28     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632938 | 1        | 03/08/21 15:10        | 03/11/21 18:18     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 10:35     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 19:13     | JN      | Mt. Juliet, TN |

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

AH-6 (0'-1') L1324058-12 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 14:20  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 23:38     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632938 | 1        | 03/08/21 15:10        | 03/11/21 18:40     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 10:54     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 19:00     | JN      | Mt. Juliet, TN |

AH-6 (2'-3') L1324058-13 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 14:30  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 23:47     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632938 | 1        | 03/08/21 15:10        | 03/11/21 19:02     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 11:13     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633146 | 1        | 03/12/21 22:34        | 03/13/21 19:26     | JN      | Mt. Juliet, TN |

AH-7 (0'-1') L1324058-14 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 14:40  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631778 | 1        | 03/09/21 16:59        | 03/09/21 17:07     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/13/21 23:57     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632938 | 1        | 03/08/21 15:10        | 03/11/21 19:24     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632002 | 1        | 03/08/21 15:10        | 03/10/21 11:32     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633148 | 1        | 03/12/21 22:41        | 03/13/21 15:21     | JN      | Mt. Juliet, TN |

AH-7 (2'-3') L1324058-15 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 14:50  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631779 | 1        | 03/11/21 12:48        | 03/11/21 13:05     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/14/21 00:06     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632938 | 1        | 03/08/21 15:10        | 03/11/21 19:46     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632669 | 1        | 03/08/21 15:10        | 03/11/21 02:32     | BMB     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633148 | 1        | 03/12/21 22:41        | 03/13/21 15:33     | JN      | Mt. Juliet, TN |

# SAMPLE SUMMARY

## AH-8 (0'-1') L1324058-16 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 15:00  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631779 | 1        | 03/11/21 12:48        | 03/11/21 13:05     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/14/21 00:35     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632938 | 1        | 03/08/21 15:10        | 03/11/21 20:08     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632669 | 1        | 03/08/21 15:10        | 03/11/21 02:50     | BMB     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633148 | 1        | 03/12/21 22:41        | 03/13/21 15:46     | JN      | Mt. Juliet, TN |

1 Cp  
 2 Tc  
 3 Ss  
 4 Cn


## AH-8 (2'-3') L1324058-17 Solid

Collected by: Adrian Garcia  
 Collected date/time: 03/03/21 15:20  
 Received date/time: 03/06/21 10:05

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1631779 | 1        | 03/11/21 12:48        | 03/11/21 13:05     | CMK     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1633355 | 1        | 03/13/21 17:07        | 03/14/21 00:44     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1632938 | 1        | 03/08/21 15:10        | 03/11/21 20:30     | BMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1632669 | 1        | 03/08/21 15:10        | 03/11/21 03:09     | BMB     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1633148 | 1        | 03/12/21 22:41        | 03/13/21 15:59     | JN      | Mt. Juliet, TN |

5 Sr  
 6 Qc  
 7 Gl  
 8 Al  
 9 Sc

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



Chris McCord  
Project Manager

- <sup>1</sup> Cp
- <sup>2</sup> Tc
- <sup>3</sup> Ss
- <sup>4</sup> Cn
- <sup>5</sup> Sr
- <sup>6</sup> Qc
- <sup>7</sup> Gl
- <sup>8</sup> Al
- <sup>9</sup> Sc

Collected date/time: 03/03/21 08:00

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 79.1   |           | 1        | 03/09/2021 17:17     | <a href="#">WG1631707</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 24.2               | J         | 11.6            | 25.3            | 1        | 03/13/2021 21:06     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0274          | 0.126           | 1        | 03/12/2021 05:46     | <a href="#">WG1633406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 90.4               |           |                 | 77.0-120        |          | 03/12/2021 05:46     | <a href="#">WG1633406</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000714        | 0.00153         | 1        | 03/10/2021 00:17     | <a href="#">WG1631712</a> |
| Toluene                   | U                  |           | 0.00199         | 0.00764         | 1        | 03/10/2021 00:17     | <a href="#">WG1631712</a> |
| Ethylbenzene              | U                  |           | 0.00113         | 0.00382         | 1        | 03/10/2021 00:17     | <a href="#">WG1631712</a> |
| Total Xylenes             | U                  |           | 0.00135         | 0.00994         | 1        | 03/10/2021 00:17     | <a href="#">WG1631712</a> |
| (S) Toluene-d8            | 102                |           |                 | 75.0-131        |          | 03/10/2021 00:17     | <a href="#">WG1631712</a> |
| (S) 4-Bromofluorobenzene  | 90.9               |           |                 | 67.0-138        |          | 03/10/2021 00:17     | <a href="#">WG1631712</a> |
| (S) 1,2-Dichloroethane-d4 | 84.2               |           |                 | 70.0-130        |          | 03/10/2021 00:17     | <a href="#">WG1631712</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 2.04            | 5.06            | 1        | 03/13/2021 15:48     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 2.65               | J         | 0.346           | 5.06            | 1        | 03/13/2021 15:48     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 61.2               |           |                 | 18.0-148        |          | 03/13/2021 15:48     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 08:30

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 97.8   |           | 1        | 03/09/2021 17:17     | <a href="#">WG1631707</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 35.2               |           | 9.41            | 20.5            | 1        | 03/13/2021 21:43     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0222          | 0.102           | 1        | 03/12/2021 06:08     | <a href="#">WG1633406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 88.7               |           |                 | 77.0-120        |          | 03/12/2021 06:08     | <a href="#">WG1633406</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000488        | 0.00105         | 1        | 03/10/2021 00:36     | <a href="#">WG1631712</a> |
| Toluene                   | U                  |           | 0.00136         | 0.00523         | 1        | 03/10/2021 00:36     | <a href="#">WG1631712</a> |
| Ethylbenzene              | U                  |           | 0.000771        | 0.00261         | 1        | 03/10/2021 00:36     | <a href="#">WG1631712</a> |
| Total Xylenes             | U                  |           | 0.000920        | 0.00680         | 1        | 03/10/2021 00:36     | <a href="#">WG1631712</a> |
| (S) Toluene-d8            | 102                |           |                 | 75.0-131        |          | 03/10/2021 00:36     | <a href="#">WG1631712</a> |
| (S) 4-Bromofluorobenzene  | 91.9               |           |                 | 67.0-138        |          | 03/10/2021 00:36     | <a href="#">WG1631712</a> |
| (S) 1,2-Dichloroethane-d4 | 84.2               |           |                 | 70.0-130        |          | 03/10/2021 00:36     | <a href="#">WG1631712</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 2.74               | J         | 1.65            | 4.09            | 1        | 03/13/2021 16:02     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 9.01               |           | 0.280           | 4.09            | 1        | 03/13/2021 16:02     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 69.9               |           |                 | 18.0-148        |          | 03/13/2021 16:02     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 09:00

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 96.2   |           | 1        | 03/09/2021 17:17     | <a href="#">WG1631707</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 971                |           | 95.7            | 208             | 10       | 03/13/2021 21:53     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0226          | 0.104           | 1        | 03/12/2021 06:30     | <a href="#">WG1633406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 90.5               |           |                 | 77.0-120        |          | 03/12/2021 06:30     | <a href="#">WG1633406</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000504        | 0.00108         | 1        | 03/10/2021 00:55     | <a href="#">WG1631712</a> |
| Toluene                   | U                  |           | 0.00140         | 0.00540         | 1        | 03/10/2021 00:55     | <a href="#">WG1631712</a> |
| Ethylbenzene              | U                  |           | 0.000796        | 0.00270         | 1        | 03/10/2021 00:55     | <a href="#">WG1631712</a> |
| Total Xylenes             | U                  |           | 0.000950        | 0.00702         | 1        | 03/10/2021 00:55     | <a href="#">WG1631712</a> |
| (S) Toluene-d8            | 103                |           |                 | 75.0-131        |          | 03/10/2021 00:55     | <a href="#">WG1631712</a> |
| (S) 4-Bromofluorobenzene  | 91.8               |           |                 | 67.0-138        |          | 03/10/2021 00:55     | <a href="#">WG1631712</a> |
| (S) 1,2-Dichloroethane-d4 | 82.4               |           |                 | 70.0-130        |          | 03/10/2021 00:55     | <a href="#">WG1631712</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 18.9               |           | 1.67            | 4.16            | 1        | 03/13/2021 19:39     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 36.7               |           | 0.285           | 4.16            | 1        | 03/13/2021 19:39     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 54.2               |           |                 | 18.0-148        |          | 03/13/2021 19:39     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 09:30

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 73.5   |           | 1        | 03/09/2021 17:17     | <a href="#">WG1631707</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 3020               |           | 125             | 272             | 10       | 03/13/2021 22:02     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | 0.154              |           | 0.0295          | 0.136           | 1        | 03/12/2021 06:52     | <a href="#">WG1633406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 88.8               |           |                 | 77.0-120        |          | 03/12/2021 06:52     | <a href="#">WG1633406</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000803        | 0.00172         | 1        | 03/10/2021 01:14     | <a href="#">WG1631712</a> |
| Toluene                   | U                  |           | 0.00224         | 0.00860         | 1        | 03/10/2021 01:14     | <a href="#">WG1631712</a> |
| Ethylbenzene              | U                  |           | 0.00127         | 0.00430         | 1        | 03/10/2021 01:14     | <a href="#">WG1631712</a> |
| Total Xylenes             | U                  |           | 0.00151         | 0.0112          | 1        | 03/10/2021 01:14     | <a href="#">WG1631712</a> |
| (S) Toluene-d8            | 102                |           |                 | 75.0-131        |          | 03/10/2021 01:14     | <a href="#">WG1631712</a> |
| (S) 4-Bromofluorobenzene  | 91.8               |           |                 | 67.0-138        |          | 03/10/2021 01:14     | <a href="#">WG1631712</a> |
| (S) 1,2-Dichloroethane-d4 | 83.7               |           |                 | 70.0-130        |          | 03/10/2021 01:14     | <a href="#">WG1631712</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 2.19            | 5.44            | 1        | 03/13/2021 16:18     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 1.20               | J         | 0.373           | 5.44            | 1        | 03/13/2021 16:18     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 58.9               |           |                 | 18.0-148        |          | 03/13/2021 16:18     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 10:00

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 94.9   |           | 1        | 03/09/2021 17:07     | <a href="#">WG1631778</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 206                |           | 9.70            | 21.1            | 1        | 03/13/2021 22:12     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0229          | 0.105           | 1        | 03/12/2021 07:14     | <a href="#">WG1633406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 89.4               |           |                 | 77.0-120        |          | 03/12/2021 07:14     | <a href="#">WG1633406</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000517        | 0.00111         | 1        | 03/10/2021 08:42     | <a href="#">WG1632002</a> |
| Toluene                   | U                  |           | 0.00144         | 0.00554         | 1        | 03/10/2021 08:42     | <a href="#">WG1632002</a> |
| Ethylbenzene              | U                  |           | 0.000816        | 0.00277         | 1        | 03/10/2021 08:42     | <a href="#">WG1632002</a> |
| Total Xylenes             | U                  |           | 0.000975        | 0.00720         | 1        | 03/10/2021 08:42     | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 109                |           |                 | 75.0-131        |          | 03/10/2021 08:42     | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 98.3               |           |                 | 67.0-138        |          | 03/10/2021 08:42     | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 92.1               |           |                 | 70.0-130        |          | 03/10/2021 08:42     | <a href="#">WG1632002</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 8.94               |           | 1.70            | 4.22            | 1        | 03/13/2021 19:52     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 12.8               |           | 0.289           | 4.22            | 1        | 03/13/2021 19:52     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 62.2               |           |                 | 18.0-148        |          | 03/13/2021 19:52     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 10:30

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 97.5   |           | 1        | 03/09/2021 17:07     | <a href="#">WG1631778</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 400                |           | 9.44            | 20.5            | 1        | 03/13/2021 22:40     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0223          | 0.103           | 1        | 03/12/2021 07:36     | <a href="#">WG1633406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 90.3               |           |                 | 77.0-120        |          | 03/12/2021 07:36     | <a href="#">WG1633406</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000491        | 0.00105         | 1        | 03/10/2021 09:01     | <a href="#">WG1632002</a> |
| Toluene                   | U                  |           | 0.00137         | 0.00526         | 1        | 03/10/2021 09:01     | <a href="#">WG1632002</a> |
| Ethylbenzene              | U                  |           | 0.000775        | 0.00263         | 1        | 03/10/2021 09:01     | <a href="#">WG1632002</a> |
| Total Xylenes             | U                  |           | 0.000926        | 0.00684         | 1        | 03/10/2021 09:01     | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 107                |           |                 | 75.0-131        |          | 03/10/2021 09:01     | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 103                |           |                 | 67.0-138        |          | 03/10/2021 09:01     | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 95.4               |           |                 | 70.0-130        |          | 03/10/2021 09:01     | <a href="#">WG1632002</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 41.3               |           | 1.65            | 4.10            | 1        | 03/13/2021 20:05     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 58.2               |           | 0.281           | 4.10            | 1        | 03/13/2021 20:05     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 47.1               |           |                 | 18.0-148        |          | 03/13/2021 20:05     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 11:00

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 98.2   |           | 1        | 03/09/2021 17:07 | <a href="#">WG1631778</a> |

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | 215          |           | 9.37      | 20.4      | 1        | 03/13/2021 22:50 | <a href="#">WG1633355</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier  | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|------------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | 0.0457       | <b>B J</b> | 0.0221    | 0.102     | 1        | 03/11/2021 22:08 | <a href="#">WG1632935</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 95.3         |            |           | 77.0-120  |          | 03/11/2021 22:08 | <a href="#">WG1632935</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000484  | 0.00104   | 1        | 03/10/2021 09:20 | <a href="#">WG1632002</a> |
| Toluene                   | U            |           | 0.00135   | 0.00519   | 1        | 03/10/2021 09:20 | <a href="#">WG1632002</a> |
| Ethylbenzene              | U            |           | 0.000765  | 0.00259   | 1        | 03/10/2021 09:20 | <a href="#">WG1632002</a> |
| Total Xylenes             | U            |           | 0.000913  | 0.00674   | 1        | 03/10/2021 09:20 | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 107          |           |           | 75.0-131  |          | 03/10/2021 09:20 | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 99.3         |           |           | 67.0-138  |          | 03/10/2021 09:20 | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 93.5         |           |           | 70.0-130  |          | 03/10/2021 09:20 | <a href="#">WG1632002</a> |

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | 3.30         | <b>J</b>  | 1.64      | 4.07      | 1        | 03/13/2021 16:31 | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 5.20         |           | 0.279     | 4.07      | 1        | 03/13/2021 16:31 | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 70.6         |           |           | 18.0-148  |          | 03/13/2021 16:31 | <a href="#">WG1633146</a> |

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

Collected date/time: 03/03/21 11:30

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 82.2   |           | 1        | 03/09/2021 17:07     | <a href="#">WG1631778</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | U                  |           | 11.2            | 24.3            | 1        | 03/13/2021 23:00     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier  | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|------------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | 0.0913             | <u>B J</u> | 0.0264          | 0.122           | 1        | 03/11/2021 22:32     | <a href="#">WG1632935</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 98.1               |            |                 | 77.0-120        |          | 03/11/2021 22:32     | <a href="#">WG1632935</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000669        | 0.00143         | 1        | 03/10/2021 09:39     | <a href="#">WG1632002</a> |
| Toluene                   | U                  |           | 0.00186         | 0.00716         | 1        | 03/10/2021 09:39     | <a href="#">WG1632002</a> |
| Ethylbenzene              | U                  |           | 0.00106         | 0.00358         | 1        | 03/10/2021 09:39     | <a href="#">WG1632002</a> |
| Total Xylenes             | U                  |           | 0.00126         | 0.00931         | 1        | 03/10/2021 09:39     | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 108                |           |                 | 75.0-131        |          | 03/10/2021 09:39     | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 96.5               |           |                 | 67.0-138        |          | 03/10/2021 09:39     | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 93.6               |           |                 | 70.0-130        |          | 03/10/2021 09:39     | <a href="#">WG1632002</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 1.96            | 4.87            | 1        | 03/13/2021 16:44     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 1.41               | <u>J</u>  | 0.333           | 4.87            | 1        | 03/13/2021 16:44     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 62.4               |           |                 | 18.0-148        |          | 03/13/2021 16:44     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 12:00

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 96.7   |           | 1        | 03/09/2021 17:07 | <a href="#">WG1631778</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | 518          |           | 9.51      | 20.7      | 1        | 03/13/2021 23:09 | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0224    | 0.103     | 1        | 03/11/2021 22:55 | <a href="#">WG1632935</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 96.8         |           |           | 77.0-120  |          | 03/11/2021 22:55 | <a href="#">WG1632935</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000499  | 0.00107   | 1        | 03/10/2021 09:58 | <a href="#">WG1632002</a> |
| Toluene                   | U            |           | 0.00139   | 0.00534   | 1        | 03/10/2021 09:58 | <a href="#">WG1632002</a> |
| Ethylbenzene              | U            |           | 0.000787  | 0.00267   | 1        | 03/10/2021 09:58 | <a href="#">WG1632002</a> |
| Total Xylenes             | U            |           | 0.000940  | 0.00694   | 1        | 03/10/2021 09:58 | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 107          |           |           | 75.0-131  |          | 03/10/2021 09:58 | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 102          |           |           | 67.0-138  |          | 03/10/2021 09:58 | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 96.4         |           |           | 70.0-130  |          | 03/10/2021 09:58 | <a href="#">WG1632002</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | 3.92         | J         | 1.66      | 4.14      | 1        | 03/13/2021 16:57 | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 6.69         |           | 0.283     | 4.14      | 1        | 03/13/2021 16:57 | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 72.6         |           |           | 18.0-148  |          | 03/13/2021 16:57 | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 12:30

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 96.9   |           | 1        | 03/09/2021 17:07     | <a href="#">WG1631778</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | U                  |           | 9.50            | 20.7            | 1        | 03/13/2021 23:19     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier           | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|---------------------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | 0.0550             | <a href="#">B J</a> | 0.0224          | 0.103           | 1        | 03/11/2021 23:18     | <a href="#">WG1632935</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 95.2               |                     |                 | 77.0-120        |          | 03/11/2021 23:18     | <a href="#">WG1632935</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000497        | 0.00107         | 1        | 03/10/2021 10:17     | <a href="#">WG1632002</a> |
| Toluene                   | U                  |           | 0.00138         | 0.00533         | 1        | 03/10/2021 10:17     | <a href="#">WG1632002</a> |
| Ethylbenzene              | U                  |           | 0.000785        | 0.00266         | 1        | 03/10/2021 10:17     | <a href="#">WG1632002</a> |
| Total Xylenes             | U                  |           | 0.000937        | 0.00692         | 1        | 03/10/2021 10:17     | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 106                |           |                 | 75.0-131        |          | 03/10/2021 10:17     | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 101                |           |                 | 67.0-138        |          | 03/10/2021 10:17     | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 96.0               |           |                 | 70.0-130        |          | 03/10/2021 10:17     | <a href="#">WG1632002</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 6.58               |           | 1.66            | 4.13            | 1        | 03/13/2021 20:18     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 15.1               |           | 0.283           | 4.13            | 1        | 03/13/2021 20:18     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 74.2               |           |                 | 18.0-148        |          | 03/13/2021 20:18     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 14:10

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 75.3   |           | 1        | 03/09/2021 17:07     | <a href="#">WG1631778</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 812                |           | 12.2            | 26.6            | 1        | 03/13/2021 23:28     | <a href="#">WG1633355</a> |

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0288          | 0.133           | 1        | 03/11/2021 18:18     | <a href="#">WG1632938</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.9               |           |                 | 77.0-120        |          | 03/11/2021 18:18     | <a href="#">WG1632938</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000774        | 0.00166         | 1        | 03/10/2021 10:35     | <a href="#">WG1632002</a> |
| Toluene                   | U                  |           | 0.00216         | 0.00829         | 1        | 03/10/2021 10:35     | <a href="#">WG1632002</a> |
| Ethylbenzene              | U                  |           | 0.00122         | 0.00415         | 1        | 03/10/2021 10:35     | <a href="#">WG1632002</a> |
| Total Xylenes             | U                  |           | 0.00146         | 0.0108          | 1        | 03/10/2021 10:35     | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 105                |           |                 | 75.0-131        |          | 03/10/2021 10:35     | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 101                |           |                 | 67.0-138        |          | 03/10/2021 10:35     | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 97.5               |           |                 | 70.0-130        |          | 03/10/2021 10:35     | <a href="#">WG1632002</a> |

- 8 Al
- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | U                  |           | 2.14            | 5.31            | 1        | 03/13/2021 19:13     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 1.46               | J         | 0.364           | 5.31            | 1        | 03/13/2021 19:13     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 54.2               |           |                 | 18.0-148        |          | 03/13/2021 19:13     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 14:20

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 99.0   |           | 1        | 03/09/2021 17:07 | <a href="#">WG1631778</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | U            |           | 9.30      | 20.2      | 1        | 03/13/2021 23:38 | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0219    | 0.101     | 1        | 03/11/2021 18:40 | <a href="#">WG1632938</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.2         |           |           | 77.0-120  |          | 03/11/2021 18:40 | <a href="#">WG1632938</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000477  | 0.00102   | 1        | 03/10/2021 10:54 | <a href="#">WG1632002</a> |
| Toluene                   | U            |           | 0.00133   | 0.00510   | 1        | 03/10/2021 10:54 | <a href="#">WG1632002</a> |
| Ethylbenzene              | U            |           | 0.000752  | 0.00255   | 1        | 03/10/2021 10:54 | <a href="#">WG1632002</a> |
| Total Xylenes             | U            |           | 0.000898  | 0.00663   | 1        | 03/10/2021 10:54 | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 108          |           |           | 75.0-131  |          | 03/10/2021 10:54 | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 99.5         |           |           | 67.0-138  |          | 03/10/2021 10:54 | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 93.3         |           |           | 70.0-130  |          | 03/10/2021 10:54 | <a href="#">WG1632002</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | 2.81         | J         | 1.63      | 4.04      | 1        | 03/13/2021 19:00 | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 1.75         | J         | 0.277     | 4.04      | 1        | 03/13/2021 19:00 | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 69.5         |           |           | 18.0-148  |          | 03/13/2021 19:00 | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 14:30

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 99.1   |           | 1        | 03/09/2021 17:07     | <a href="#">WG1631778</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | U                  |           | 9.29            | 20.2            | 1        | 03/13/2021 23:47     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0219          | 0.101           | 1        | 03/11/2021 19:02     | <a href="#">WG1632938</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 94.5               |           |                 | 77.0-120        |          | 03/11/2021 19:02     | <a href="#">WG1632938</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000476        | 0.00102         | 1        | 03/10/2021 11:13     | <a href="#">WG1632002</a> |
| Toluene                   | U                  |           | 0.00132         | 0.00510         | 1        | 03/10/2021 11:13     | <a href="#">WG1632002</a> |
| Ethylbenzene              | U                  |           | 0.000751        | 0.00255         | 1        | 03/10/2021 11:13     | <a href="#">WG1632002</a> |
| Total Xylenes             | U                  |           | 0.000897        | 0.00662         | 1        | 03/10/2021 11:13     | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 107                |           |                 | 75.0-131        |          | 03/10/2021 11:13     | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 103                |           |                 | 67.0-138        |          | 03/10/2021 11:13     | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 96.6               |           |                 | 70.0-130        |          | 03/10/2021 11:13     | <a href="#">WG1632002</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 3.76               | J         | 1.63            | 4.04            | 1        | 03/13/2021 19:26     | <a href="#">WG1633146</a> |
| C28-C40 Oil Range    | 2.28               | J         | 0.277           | 4.04            | 1        | 03/13/2021 19:26     | <a href="#">WG1633146</a> |
| (S) o-Terphenyl      | 73.0               |           |                 | 18.0-148        |          | 03/13/2021 19:26     | <a href="#">WG1633146</a> |

Collected date/time: 03/03/21 14:40

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 97.9   |           | 1        | 03/09/2021 17:07 | <a href="#">WG1631778</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | U            |           | 9.40      | 20.4      | 1        | 03/13/2021 23:57 | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0222    | 0.102     | 1        | 03/11/2021 19:24 | <a href="#">WG1632938</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 92.3         |           |           | 77.0-120  |          | 03/11/2021 19:24 | <a href="#">WG1632938</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000487  | 0.00104   | 1        | 03/10/2021 11:32 | <a href="#">WG1632002</a> |
| Toluene                   | U            |           | 0.00136   | 0.00521   | 1        | 03/10/2021 11:32 | <a href="#">WG1632002</a> |
| Ethylbenzene              | U            |           | 0.000769  | 0.00261   | 1        | 03/10/2021 11:32 | <a href="#">WG1632002</a> |
| Total Xylenes             | U            |           | 0.000918  | 0.00678   | 1        | 03/10/2021 11:32 | <a href="#">WG1632002</a> |
| (S) Toluene-d8            | 107          |           |           | 75.0-131  |          | 03/10/2021 11:32 | <a href="#">WG1632002</a> |
| (S) 4-Bromofluorobenzene  | 98.9         |           |           | 67.0-138  |          | 03/10/2021 11:32 | <a href="#">WG1632002</a> |
| (S) 1,2-Dichloroethane-d4 | 93.1         |           |           | 70.0-130  |          | 03/10/2021 11:32 | <a href="#">WG1632002</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | 6.92         |           | 1.64      | 4.09      | 1        | 03/13/2021 15:21 | <a href="#">WG1633148</a> |
| C28-C40 Oil Range    | 13.6         |           | 0.280     | 4.09      | 1        | 03/13/2021 15:21 | <a href="#">WG1633148</a> |
| (S) o-Terphenyl      | 72.1         |           |           | 18.0-148  |          | 03/13/2021 15:21 | <a href="#">WG1633148</a> |

Collected date/time: 03/03/21 14:50

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 97.4   |           | 1        | 03/11/2021 13:05 | <a href="#">WG1631779</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | U            |           | 9.44      | 20.5      | 1        | 03/14/2021 00:06 | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0223    | 0.103     | 1        | 03/11/2021 19:46 | <a href="#">WG1632938</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.9         |           |           | 77.0-120  |          | 03/11/2021 19:46 | <a href="#">WG1632938</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000492  | 0.00105   | 1        | 03/11/2021 02:32 | <a href="#">WG1632669</a> |
| Toluene                   | U            |           | 0.00137   | 0.00526   | 1        | 03/11/2021 02:32 | <a href="#">WG1632669</a> |
| Ethylbenzene              | U            |           | 0.000776  | 0.00263   | 1        | 03/11/2021 02:32 | <a href="#">WG1632669</a> |
| Total Xylenes             | U            |           | 0.000926  | 0.00684   | 1        | 03/11/2021 02:32 | <a href="#">WG1632669</a> |
| (S) Toluene-d8            | 108          |           |           | 75.0-131  |          | 03/11/2021 02:32 | <a href="#">WG1632669</a> |
| (S) 4-Bromofluorobenzene  | 102          |           |           | 67.0-138  |          | 03/11/2021 02:32 | <a href="#">WG1632669</a> |
| (S) 1,2-Dichloroethane-d4 | 94.1         |           |           | 70.0-130  |          | 03/11/2021 02:32 | <a href="#">WG1632669</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | 2.12         | J         | 1.65      | 4.10      | 1        | 03/13/2021 15:33 | <a href="#">WG1633148</a> |
| C28-C40 Oil Range    | 4.96         |           | 0.281     | 4.10      | 1        | 03/13/2021 15:33 | <a href="#">WG1633148</a> |
| (S) o-Terphenyl      | 66.6         |           |           | 18.0-148  |          | 03/13/2021 15:33 | <a href="#">WG1633148</a> |

Collected date/time: 03/03/21 15:00

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 83.3   |           | 1        | 03/11/2021 13:05     | <a href="#">WG1631779</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 62.0               |           | 11.1            | 24.0            | 1        | 03/14/2021 00:35     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | 0.0458             | J         | 0.0261          | 0.120           | 1        | 03/11/2021 20:08     | <a href="#">WG1632938</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 92.6               |           |                 | 77.0-120        |          | 03/11/2021 20:08     | <a href="#">WG1632938</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000655        | 0.00140         | 1        | 03/11/2021 02:50     | <a href="#">WG1632669</a> |
| Toluene                   | U                  |           | 0.00182         | 0.00701         | 1        | 03/11/2021 02:50     | <a href="#">WG1632669</a> |
| Ethylbenzene              | U                  |           | 0.00103         | 0.00351         | 1        | 03/11/2021 02:50     | <a href="#">WG1632669</a> |
| Total Xylenes             | U                  |           | 0.00123         | 0.00912         | 1        | 03/11/2021 02:50     | <a href="#">WG1632669</a> |
| (S) Toluene-d8            | 107                |           |                 | 75.0-131        |          | 03/11/2021 02:50     | <a href="#">WG1632669</a> |
| (S) 4-Bromofluorobenzene  | 103                |           |                 | 67.0-138        |          | 03/11/2021 02:50     | <a href="#">WG1632669</a> |
| (S) 1,2-Dichloroethane-d4 | 94.0               |           |                 | 70.0-130        |          | 03/11/2021 02:50     | <a href="#">WG1632669</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 2.81               | J         | 1.93            | 4.80            | 1        | 03/13/2021 15:46     | <a href="#">WG1633148</a> |
| C28-C40 Oil Range    | 4.48               | J         | 0.329           | 4.80            | 1        | 03/13/2021 15:46     | <a href="#">WG1633148</a> |
| (S) o-Terphenyl      | 56.9               |           |                 | 18.0-148        |          | 03/13/2021 15:46     | <a href="#">WG1633148</a> |

Collected date/time: 03/03/21 15:20

L1324058

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 92.8   |           | 1        | 03/11/2021 13:05     | <a href="#">WG1631779</a> |

1 Cp

2 Tc

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Chloride | 17.3               | J         | 9.91            | 21.5            | 1        | 03/14/2021 00:44     | <a href="#">WG1633355</a> |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U                  |           | 0.0234          | 0.108           | 1        | 03/11/2021 20:30     | <a href="#">WG1632938</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 94.0               |           |                 | 77.0-120        |          | 03/11/2021 20:30     | <a href="#">WG1632938</a> |

5 Sr

6 Qc

7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000539        | 0.00115         | 1        | 03/11/2021 03:09     | <a href="#">WG1632669</a> |
| Toluene                   | U                  |           | 0.00150         | 0.00577         | 1        | 03/11/2021 03:09     | <a href="#">WG1632669</a> |
| Ethylbenzene              | U                  |           | 0.000851        | 0.00289         | 1        | 03/11/2021 03:09     | <a href="#">WG1632669</a> |
| Total Xylenes             | U                  |           | 0.00102         | 0.00751         | 1        | 03/11/2021 03:09     | <a href="#">WG1632669</a> |
| (S) Toluene-d8            | 108                |           |                 | 75.0-131        |          | 03/11/2021 03:09     | <a href="#">WG1632669</a> |
| (S) 4-Bromofluorobenzene  | 98.4               |           |                 | 67.0-138        |          | 03/11/2021 03:09     | <a href="#">WG1632669</a> |
| (S) 1,2-Dichloroethane-d4 | 89.8               |           |                 | 70.0-130        |          | 03/11/2021 03:09     | <a href="#">WG1632669</a> |

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|----------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 3.62               | J         | 1.73            | 4.31            | 1        | 03/13/2021 15:59     | <a href="#">WG1633148</a> |
| C28-C40 Oil Range    | 4.07               | J         | 0.295           | 4.31            | 1        | 03/13/2021 15:59     | <a href="#">WG1633148</a> |
| (S) o-Terphenyl      | 64.9               |           |                 | 18.0-148        |          | 03/13/2021 15:59     | <a href="#">WG1633148</a> |

Total Solids by Method 2540 G-2011

[L1324058-01,02,03,04](#)

Method Blank (MB)

(MB) R3629383-1 03/09/21 17:17

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
|              | %         |              | %      | %      |
| Total Solids | 0.00100   |              |        |        |

1 Cp

2 Tc

3 Ss

L1324050-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1324050-15 03/09/21 17:17 • (DUP) R3629383-3 03/09/21 17:17

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
|              | %               | %          |          | %       |               | %              |
| Total Solids | 97.4            | 97.2       | 1        | 0.221   |               | 10             |

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS)

(LCS) R3629383-2 03/09/21 17:17

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
|              | %            | %          | %        | %           |               |
| Total Solids | 50.0         | 50.0       | 100      | 85.0-115    |               |

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

[L1324058-05,06,07,08,09,10,11,12,13,14](#)

Method Blank (MB)

(MB) R3629381-1 03/09/21 17:07

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
|              | %         |              | %      | %      |
| Total Solids | 0.00100   |              |        |        |

1 Cp

2 Tc

3 Ss

L1324058-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1324058-08 03/09/21 17:07 • (DUP) R3629381-3 03/09/21 17:07

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
|              | %               | %          |          | %       |               | %              |
| Total Solids | 82.2            | 82.4       | 1        | 0.247   |               | 10             |

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS)

(LCS) R3629381-2 03/09/21 17:07

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
|              | %            | %          | %        | %           |               |
| Total Solids | 50.0         | 50.0       | 100      | 85.0-115    |               |

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

[L1324058-15,16,17](#)

Method Blank (MB)

(MB) R3630147-1 03/11/21 13:05

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
|              | %         |              | %      | %      |
| Total Solids | 0.000     |              |        |        |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

L1324065-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1324065-03 03/11/21 13:05 • (DUP) R3630147-3 03/11/21 13:05

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
|              | %               | %          |          | %       |               | %              |
| Total Solids | 80.7            | 78.5       | 1        | 2.86    |               | 10             |

<sup>4</sup>Cn

<sup>5</sup>Sr

Laboratory Control Sample (LCS)

(LCS) R3630147-2 03/11/21 13:05

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
|              | %            | %          | %        | %           |               |
| Total Solids | 50.0         | 50.0       | 100      | 85.0-115    |               |

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Wet Chemistry by Method 300.0

[L1324058-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17](#)

Method Blank (MB)

(MB) R3630539-1 03/13/21 20:14

| Analyte  | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------|--------------------|--------------|-----------------|-----------------|
| Chloride | U                  |              | 9.20            | 20.0            |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1324058-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1324058-01 03/13/21 21:06 • (DUP) R3630539-3 03/13/21 21:15

| Analyte  | Original Result (dry)<br>mg/kg | DUP Result (dry)<br>mg/kg | Dilution | DUP RPD<br>% | DUP Qualifier | DUP RPD Limits<br>% |
|----------|--------------------------------|---------------------------|----------|--------------|---------------|---------------------|
| Chloride | 24.2                           | 24.6                      | 1        | 1.95         | ↓             | 20                  |

L1326630-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1326630-01 03/14/21 00:54 • (DUP) R3630539-6 03/14/21 01:03

| Analyte  | Original Result<br>mg/kg | DUP Result<br>mg/kg | Dilution | DUP RPD<br>% | DUP Qualifier | DUP RPD Limits<br>% |
|----------|--------------------------|---------------------|----------|--------------|---------------|---------------------|
| Chloride | 115                      | 114                 | 1        | 0.930        |               | 20                  |

Laboratory Control Sample (LCS)

(LCS) R3630539-2 03/13/21 20:23

| Analyte  | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------|-----------------------|---------------------|---------------|------------------|---------------|
| Chloride | 200                   | 194                 | 96.9          | 90.0-110         |               |

L1324058-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1324058-01 03/13/21 21:06 • (MS) R3630539-4 03/13/21 21:24 • (MSD) R3630539-5 03/13/21 21:34

| Analyte  | Spike Amount (dry)<br>mg/kg | Original Result (dry)<br>mg/kg | MS Result (dry)<br>mg/kg | MSD Result (dry)<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------|-----------------------------|--------------------------------|--------------------------|---------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Chloride | 632                         | 24.2                           | 602                      | 603                       | 91.4         | 91.6          | 1        | 80.0-120         |              |               | 0.226    | 20              |

Volatile Organic Compounds (GC) by Method 8015D/GRO

[L1324058-07.08.09.10](#)

Method Blank (MB)

(MB) R3629979-3 03/11/21 16:44

| Analyte                            | MB Result | MB Qualifier | MB MDL | MB RDL   |
|------------------------------------|-----------|--------------|--------|----------|
| TPH (GC/FID) Low Fraction          | 0.0715    | ↓            | 0.0217 | 0.100    |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 97.3      |              |        | 77.0-120 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(LCS) R3629979-1 03/11/21 15:35 • (LCSD) R3629979-2 03/11/21 15:58

| Analyte                            | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD  | RPD Limits |
|------------------------------------|--------------|------------|-------------|----------|-----------|-------------|---------------|----------------|------|------------|
| TPH (GC/FID) Low Fraction          | 5.50         | 5.83       | 5.44        | 106      | 98.9      | 72.0-127    |               |                | 6.92 | 20         |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |            |             | 108      | 108       | 77.0-120    |               |                |      |            |

L1323889-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1323889-02 03/11/21 20:59 • (MS) R3629979-4 03/12/21 02:06 • (MSD) R3629979-5 03/12/21 02:29

| Analyte                            | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|------------------------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| TPH (GC/FID) Low Fraction          | 121          | U               | 77.5      | 81.0       | 64.0    | 66.9     | 25       | 10.0-151    |              |               | 4.42 | 28         |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |                 |           |            | 104     | 106      |          | 77.0-120    |              |               |      |            |

Volatile Organic Compounds (GC) by Method 8015D/GRO

[L1324058-11,12,13,14,15,16,17](#)

Method Blank (MB)

(MB) R3631003-2 03/11/21 17:46

| Analyte                            | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------------------|--------------------|--------------|-----------------|-----------------|
| TPH (GC/FID) Low Fraction          | U                  |              | 0.0217          | 0.100           |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 97.3               |              |                 | 77.0-120        |

Laboratory Control Sample (LCS)

(LCS) R3631003-1 03/11/21 16:21

| Analyte                            | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|------------------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| TPH (GC/FID) Low Fraction          | 5.50                  | 4.65                | 84.5          | 72.0-127         |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                       |                     | 104           | 77.0-120         |               |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method 8015D/GRO

[L1324058-01,02,03,04,05,06](#)

Method Blank (MB)

(MB) R3631004-2 03/12/21 04:24

| Analyte                            | MB Result | MB Qualifier | MB MDL | MB RDL   |
|------------------------------------|-----------|--------------|--------|----------|
| TPH (GC/FID) Low Fraction          | U         |              | 0.0217 | 0.100    |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 95.1      |              |        | 77.0-120 |

1 Cp

2 Tc

3 Ss

4 Cn

Laboratory Control Sample (LCS)

(LCS) R3631004-1 03/12/21 03:22

| Analyte                            | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------------------------|--------------|------------|----------|-------------|---------------|
| TPH (GC/FID) Low Fraction          | 5.50         | 6.01       | 109      | 72.0-127    |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |            | 112      | 77.0-120    |               |

5 Sr

6 Qc

7 Gl

L1324117-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1324117-01 03/12/21 11:38 • (MS) R3631004-3 03/12/21 13:06 • (MSD) R3631004-4 03/12/21 13:28

| Analyte                            | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|------------------------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| TPH (GC/FID) Low Fraction          | 255          | U               | 184       | 193        | 72.2    | 75.7     | 46.3     | 10.0-151    |              |               | 4.77 | 28         |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |                 |           |            | 99.1    | 98.8     |          | 77.0-120    |              |               |      |            |

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

[L1324058-01,02,03,04](#)

Method Blank (MB)

(MB) R3630193-2 03/09/21 22:41

| Analyte                   | MB Result | MB Qualifier | MB MDL   | MB RDL   |
|---------------------------|-----------|--------------|----------|----------|
|                           | mg/kg     |              | mg/kg    | mg/kg    |
| Benzene                   | U         |              | 0.000467 | 0.00100  |
| Ethylbenzene              | U         |              | 0.000737 | 0.00250  |
| Toluene                   | U         |              | 0.00130  | 0.00500  |
| Xylenes, Total            | U         |              | 0.000880 | 0.00650  |
| (S) Toluene-d8            | 103       |              |          | 75.0-131 |
| (S) 4-Bromofluorobenzene  | 93.4      |              |          | 67.0-138 |
| (S) 1,2-Dichloroethane-d4 | 85.5      |              |          | 70.0-130 |

Laboratory Control Sample (LCS)

(LCS) R3630193-1 03/09/21 21:44

| Analyte                   | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------------------------|--------------|------------|----------|-------------|---------------|
|                           | mg/kg        | mg/kg      | %        | %           |               |
| Benzene                   | 0.125        | 0.125      | 100      | 70.0-123    |               |
| Ethylbenzene              | 0.125        | 0.122      | 97.6     | 74.0-126    |               |
| Toluene                   | 0.125        | 0.125      | 100      | 75.0-121    |               |
| Xylenes, Total            | 0.375        | 0.348      | 92.8     | 72.0-127    |               |
| (S) Toluene-d8            |              |            | 99.8     | 75.0-131    |               |
| (S) 4-Bromofluorobenzene  |              |            | 91.9     | 67.0-138    |               |
| (S) 1,2-Dichloroethane-d4 |              |            | 89.5     | 70.0-130    |               |

L1323804-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1323804-09 03/10/21 02:30 • (MS) R3630193-3 03/10/21 05:22 • (MSD) R3630193-4 03/10/21 05:41

| Analyte                   | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|---------------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
|                           | mg/kg        | mg/kg           | mg/kg     | mg/kg      | %       | %        |          | %           |              |               | %    | %          |
| Benzene                   | 1.00         | 0.151           | 1.02      | 1.17       | 86.9    | 102      | 8        | 10.0-149    |              |               | 13.7 | 37         |
| Ethylbenzene              | 1.00         | 0.400           | 1.30      | 1.42       | 90.0    | 102      | 8        | 10.0-160    |              |               | 8.82 | 38         |
| Toluene                   | 1.00         | 0.800           | 1.70      | 1.78       | 90.0    | 98.0     | 8        | 10.0-156    |              |               | 4.60 | 38         |
| Xylenes, Total            | 3.00         | 3.28            | 6.01      | 5.78       | 91.0    | 83.3     | 8        | 10.0-160    |              |               | 3.90 | 38         |
| (S) Toluene-d8            |              |                 |           |            | 98.9    | 102      |          | 75.0-131    |              |               |      |            |
| (S) 4-Bromofluorobenzene  |              |                 |           |            | 95.3    | 94.2     |          | 67.0-138    |              |               |      |            |
| (S) 1,2-Dichloroethane-d4 |              |                 |           |            | 85.2    | 85.9     |          | 70.0-130    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

[L1324058-05,06,07,08,09,10,11,12,13,14](#)

Method Blank (MB)

(MB) R3629321-3 03/10/21 05:52

| Analyte                   | MB Result | MB Qualifier | MB MDL   | MB RDL   |
|---------------------------|-----------|--------------|----------|----------|
|                           | mg/kg     |              | mg/kg    | mg/kg    |
| Benzene                   | U         |              | 0.000467 | 0.00100  |
| Ethylbenzene              | U         |              | 0.000737 | 0.00250  |
| Toluene                   | U         |              | 0.00130  | 0.00500  |
| Xylenes, Total            | U         |              | 0.000880 | 0.00650  |
| (S) Toluene-d8            | 106       |              |          | 75.0-131 |
| (S) 4-Bromofluorobenzene  | 102       |              |          | 67.0-138 |
| (S) 1,2-Dichloroethane-d4 | 95.3      |              |          | 70.0-130 |

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

(LCS) R3629321-1 03/10/21 04:36 • (LCSD) R3629321-2 03/10/21 04:55

| Analyte                   | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD  | RPD Limits |
|---------------------------|--------------|------------|-------------|----------|-----------|-------------|---------------|----------------|------|------------|
|                           | mg/kg        | mg/kg      | mg/kg       | %        | %         | %           |               |                | %    | %          |
| Benzene                   | 0.125        | 0.110      | 0.115       | 88.0     | 92.0      | 70.0-123    |               |                | 4.44 | 20         |
| Ethylbenzene              | 0.125        | 0.116      | 0.120       | 92.8     | 96.0      | 74.0-126    |               |                | 3.39 | 20         |
| Toluene                   | 0.125        | 0.115      | 0.119       | 92.0     | 95.2      | 75.0-121    |               |                | 3.42 | 20         |
| Xylenes, Total            | 0.375        | 0.336      | 0.355       | 89.6     | 94.7      | 72.0-127    |               |                | 5.50 | 20         |
| (S) Toluene-d8            |              |            |             | 107      | 107       | 75.0-131    |               |                |      |            |
| (S) 4-Bromofluorobenzene  |              |            |             | 101      | 103       | 67.0-138    |               |                |      |            |
| (S) 1,2-Dichloroethane-d4 |              |            |             | 96.3     | 97.3      | 70.0-130    |               |                |      |            |

L1324058-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1324058-05 03/10/21 08:42 • (MS) R3629321-4 03/10/21 12:28 • (MSD) R3629321-5 03/10/21 12:47

| Analyte                   | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD   | RPD Limits |
|---------------------------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
|                           | mg/kg              | mg/kg                 | mg/kg           | mg/kg            | %       | %        |          | %           |              |               | %     | %          |
| Benzene                   | 0.138              | U                     | 0.115           | 0.117            | 83.2    | 84.8     | 1        | 10.0-149    |              |               | 1.90  | 37         |
| Ethylbenzene              | 0.138              | U                     | 0.124           | 0.129            | 89.6    | 92.8     | 1        | 10.0-160    |              |               | 3.51  | 38         |
| Toluene                   | 0.138              | U                     | 0.122           | 0.127            | 88.0    | 92.0     | 1        | 10.0-156    |              |               | 4.44  | 38         |
| Xylenes, Total            | 0.415              | U                     | 0.364           | 0.368            | 87.7    | 88.5     | 1        | 10.0-160    |              |               | 0.908 | 38         |
| (S) Toluene-d8            |                    |                       |                 |                  | 105     | 108      |          | 75.0-131    |              |               |       |            |
| (S) 4-Bromofluorobenzene  |                    |                       |                 |                  | 102     | 98.5     |          | 67.0-138    |              |               |       |            |
| (S) 1,2-Dichloroethane-d4 |                    |                       |                 |                  | 95.4    | 90.9     |          | 70.0-130    |              |               |       |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

[L1324058-15,16,17](#)

Method Blank (MB)

(MB) R3631008-2 03/11/21 02:13

| Analyte                   | MB Result | MB Qualifier | MB MDL   | MB RDL   |
|---------------------------|-----------|--------------|----------|----------|
|                           | mg/kg     |              | mg/kg    | mg/kg    |
| Benzene                   | U         |              | 0.000467 | 0.00100  |
| Ethylbenzene              | U         |              | 0.000737 | 0.00250  |
| Toluene                   | U         |              | 0.00130  | 0.00500  |
| Xylenes, Total            | U         |              | 0.000880 | 0.00650  |
| (S) Toluene-d8            | 107       |              |          | 75.0-131 |
| (S) 4-Bromofluorobenzene  | 99.9      |              |          | 67.0-138 |
| (S) 1,2-Dichloroethane-d4 | 95.4      |              |          | 70.0-130 |

Laboratory Control Sample (LCS)

(LCS) R3631008-1 03/11/21 01:16

| Analyte                   | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------------------------|--------------|------------|----------|-------------|---------------|
|                           | mg/kg        | mg/kg      | %        | %           |               |
| Benzene                   | 0.125        | 0.106      | 84.8     | 70.0-123    |               |
| Ethylbenzene              | 0.125        | 0.112      | 89.6     | 74.0-126    |               |
| Toluene                   | 0.125        | 0.116      | 92.8     | 75.0-121    |               |
| Xylenes, Total            | 0.375        | 0.321      | 85.6     | 72.0-127    |               |
| (S) Toluene-d8            |              |            | 110      | 75.0-131    |               |
| (S) 4-Bromofluorobenzene  |              |            | 97.4     | 67.0-138    |               |
| (S) 1,2-Dichloroethane-d4 |              |            | 94.4     | 70.0-130    |               |

L1324058-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1324058-15 03/11/21 02:32 • (MS) R3631008-3 03/11/21 08:49 • (MSD) R3631008-4 03/11/21 09:07

| Analyte                   | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD   | RPD Limits |
|---------------------------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
|                           | mg/kg              | mg/kg                 | mg/kg           | mg/kg            | %       | %        |          | %           |              |               | %     | %          |
| Benzene                   | 0.132              | U                     | 0.118           | 0.113            | 89.6    | 85.6     | 1        | 10.0-149    |              |               | 4.57  | 37         |
| Ethylbenzene              | 0.132              | U                     | 0.123           | 0.118            | 93.6    | 89.6     | 1        | 10.0-160    |              |               | 4.37  | 38         |
| Toluene                   | 0.132              | U                     | 0.121           | 0.121            | 92.0    | 92.0     | 1        | 10.0-156    |              |               | 0.000 | 38         |
| Xylenes, Total            | 0.395              | U                     | 0.354           | 0.347            | 89.6    | 88.0     | 1        | 10.0-160    |              |               | 1.80  | 38         |
| (S) Toluene-d8            |                    |                       |                 |                  | 106     | 108      |          | 75.0-131    |              |               |       |            |
| (S) 4-Bromofluorobenzene  |                    |                       |                 |                  | 99.4    | 99.5     |          | 67.0-138    |              |               |       |            |
| (S) 1,2-Dichloroethane-d4 |                    |                       |                 |                  | 97.0    | 93.1     |          | 70.0-130    |              |               |       |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

[L1324058-01,02,03,04,05,06,07,08,09,10,11,12,13](#)

Method Blank (MB)

(MB) R3630440-1 03/13/21 11:41

| Analyte              | MB Result | MB Qualifier | MB MDL | MB RDL   |
|----------------------|-----------|--------------|--------|----------|
|                      | mg/kg     |              | mg/kg  | mg/kg    |
| C10-C28 Diesel Range | U         |              | 1.61   | 4.00     |
| C28-C40 Oil Range    | U         |              | 0.274  | 4.00     |
| (S) o-Terphenyl      | 67.7      |              |        | 18.0-148 |

Laboratory Control Sample (LCS)

(LCS) R3630440-2 03/13/21 11:54

| Analyte              | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------------------|--------------|------------|----------|-------------|---------------|
|                      | mg/kg        | mg/kg      | %        | %           |               |
| C10-C28 Diesel Range | 50.0         | 40.0       | 80.0     | 50.0-150    |               |
| (S) o-Terphenyl      |              |            | 81.4     | 18.0-148    |               |

L1324058-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1324058-09 03/13/21 16:57 • (MS) R3630440-3 03/13/21 17:10 • (MSD) R3630440-4 03/13/21 17:23

| Analyte              | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|----------------------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
|                      | mg/kg              | mg/kg                 | mg/kg           | mg/kg            | %       | %        |          | %           |              |               | %    | %          |
| C10-C28 Diesel Range | 51.7               | 3.92                  | 44.9            | 44.3             | 79.2    | 78.3     | 1        | 50.0-150    |              |               | 1.39 | 20         |
| (S) o-Terphenyl      |                    |                       |                 |                  | 62.8    | 64.5     |          | 18.0-148    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

W01633148  
Semi-Volatile Organic Compounds (GC) by Method 8015

[L1324058-14,15,16,17](#)

Method Blank (MB)

(MB) R3630521-1 03/13/21 14:56

| Analyte              | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------------------|--------------------|--------------|-----------------|-----------------|
| C10-C28 Diesel Range | U                  |              | 1.61            | 4.00            |
| C28-C40 Oil Range    | U                  |              | 0.274           | 4.00            |
| (S) o-Terphenyl      | 64.3               |              |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R3630521-2 03/13/21 15:08

| Analyte              | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------|-----------------------|---------------------|---------------|------------------|---------------|
| C10-C28 Diesel Range | 50.0                  | 36.6                | 73.2          | 50.0-150         |               |
| (S) o-Terphenyl      |                       |                     | 75.5          | 18.0-148         |               |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

| Qualifier | Description   |
|-----------|---|
| B         | The same analyte is found in the associated blank.                                  |
| J         | The identification of the analyte is acceptable; the reported value is an estimate. |

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

|                               |             |                             |                  |
|-------------------------------|-------------|-----------------------------|------------------|
| Alabama                       | 40660       | Nebraska                    | NE-OS-15-05      |
| Alaska                        | 17-026      | Nevada                      | TN000032021-1    |
| Arizona                       | AZ0612      | New Hampshire               | 2975             |
| Arkansas                      | 88-0469     | New Jersey-NELAP            | TN002            |
| California                    | 2932        | New Mexico <sup>1</sup>     | TN00003          |
| Colorado                      | TN00003     | New York                    | 11742            |
| Connecticut                   | PH-0197     | North Carolina              | Env375           |
| Florida                       | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                       | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>          | 923         | North Dakota                | R-140            |
| Idaho                         | TN00003     | Ohio-VAP                    | CL0069           |
| Illinois                      | 200008      | Oklahoma                    | 9915             |
| Indiana                       | C-TN-01     | Oregon                      | TN200002         |
| Iowa                          | 364         | Pennsylvania                | 68-02979         |
| Kansas                        | E-10277     | Rhode Island                | LA000356         |
| Kentucky <sup>1,6</sup>       | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>         | 16          | South Dakota                | n/a              |
| Louisiana                     | AI30792     | Tennessee <sup>1,4</sup>    | 2006             |
| Louisiana                     | LA018       | Texas                       | T104704245-20-18 |
| Maine                         | TN00003     | Texas <sup>5</sup>          | LAB0152          |
| Maryland                      | 324         | Utah                        | TN000032021-11   |
| Massachusetts                 | M-TN003     | Vermont                     | VT2006           |
| Michigan                      | 9958        | Virginia                    | 110033           |
| Minnesota                     | 047-999-395 | Washington                  | C847             |
| Mississippi                   | TN00003     | West Virginia               | 233              |
| Missouri                      | 340         | Wisconsin                   | 998093910        |
| Montana                       | CERT0086    | Wyoming                     | A2LA             |
| A2LA – ISO 17025              | 1461.01     | AIHA-LAP,LLC EMLAP          | 100789           |
| A2LA – ISO 17025 <sup>5</sup> | 1461.02     | DOD                         | 1461.01          |
| Canada                        | 1461.01     | USDA                        | P330-15-00234    |
| EPA-Crypto                    | TN00003     |                             |                  |

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

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

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





Analysis Request of Chain of Custody Record

1324058 Page: 2 of 2



Tetra Tech, Inc.

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

Client Name: Conoco Phillips
Project Name: James E. #001
Project Location: Lea County, New Mexico
Invoice to: Accounts Payable
Receiving Laboratory: Pace Analytical

Site Manager: Christian Lull
Contact Info: Email: christian.lull@tetratech.com
Project #: 212C-MD-02413
Sampler Signature: Adrian Garcia

ANALYSIS REQUEST
(Circle or Specify Method No.)

Table with columns for various analytical methods: BTEX, TPH, PAH, Metals, TCLP, FCI, GC/MS, PCB's, NORM, PLM, Chloride, Sulfate, TDS, etc.

Main data table with columns: LAB #, SAMPLE IDENTIFICATION, SAMPLING (YEAR, DATE, TIME), MATRIX (WATER, SOIL), PRESERVATIVE METHOD (HCL, HNO3, ICE, NONE), # CONTAINERS, FILTERED (Y/N), and various analytical method checkboxes.

Relinquished by: [Signature] Date: 3/5/21 Time: 13:30
Relinquished by: [Signature] Date: 3-5-21 Time: 14:30
Relinquished by: [Signature] Date: 3-6-21 Time: 1005

Received by: [Signature] Date: 3-5-21 Time: 13:30
Received by: [Signature] Date: 3-5-21 Time: 14:30
Received by: [Signature] Date: 3-6-21 Time: 1005

LAB USE ONLY
Sample Temperature
0.2712304
AG

REMARKS:
[X] Standard
[ ] RUSH: Same Day 24 hr. 48 hr. 72 hr.
[ ] Rush Charges Authorized
[ ] Special Report Limits or TRRP Report

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #: \_\_\_\_\_

17 total

## Pace Analytical National Center for Testing & Innovation Cooler Receipt Form

| Client:                         | <i>COPJETRA</i>   |                                     | <i>1324058</i>                      |
|---------------------------------|-------------------|-------------------------------------|-------------------------------------|
| Cooler Received/Opened On:      | <i>3 / 6 / 21</i> | Temperature:                        | <i>4</i>                            |
| Received By:                    | Michael Pappas    |                                     |                                     |
| Signature:                      | <i>M Pappas</i>   |                                     |                                     |
| Receipt Check List              |                   | NP                                  | Yes                                 |
| COC Seal Present / Intact?      |                   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| COC Signed / Accurate?          |                   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Bottles arrive intact?          |                   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Correct bottles used?           |                   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Sufficient volume sent?         |                   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| If Applicable                   |                   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| VOA Zero headspace?             |                   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Preservation Correct / Checked? |                   | <input type="checkbox"/>            | <input type="checkbox"/>            |



# ANALYTICAL REPORT

May 19, 2021

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

## ConocoPhillips - Tetra Tech

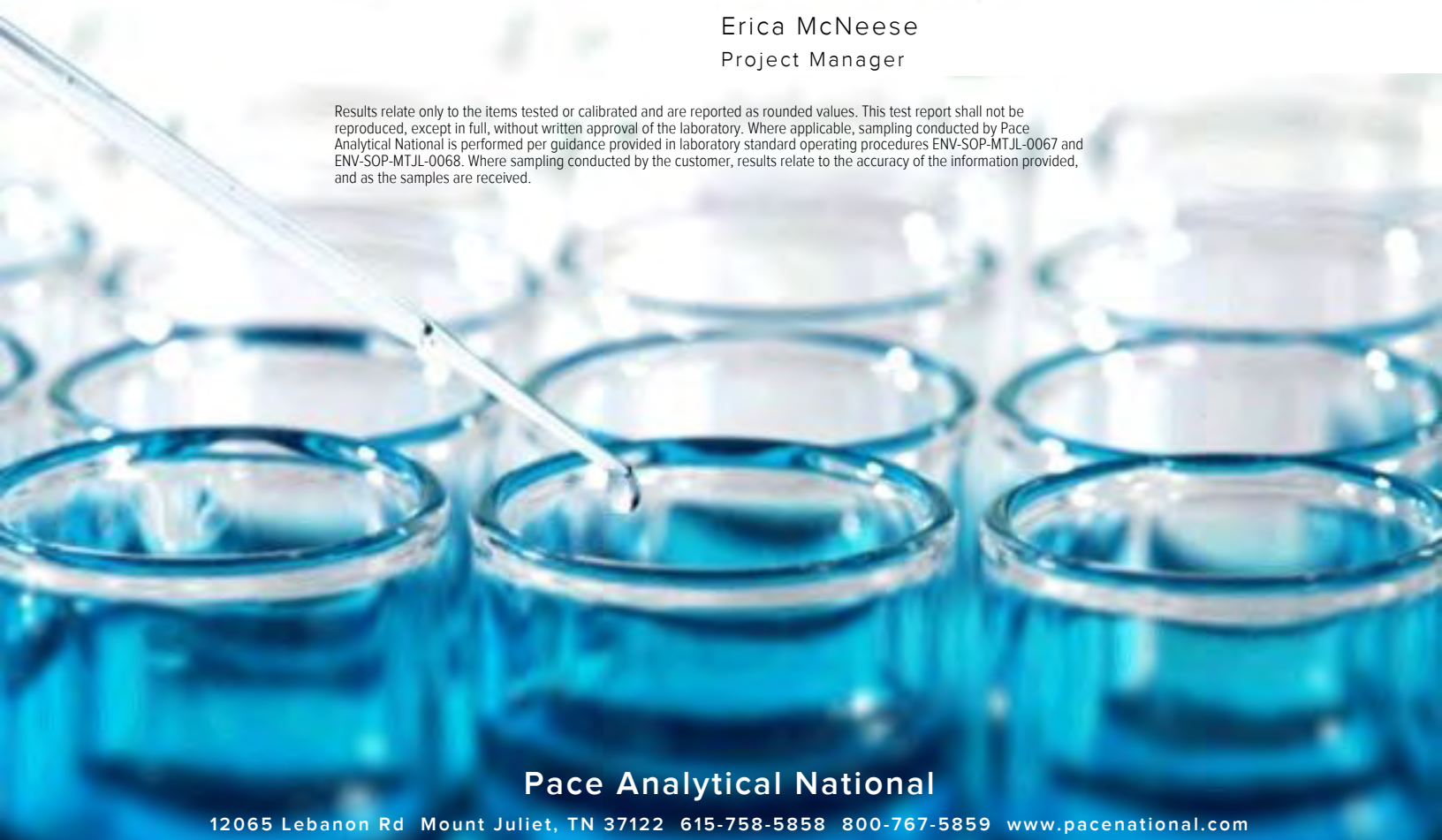
Sample Delivery Group: L1350285  
 Samples Received: 05/08/2021  
 Project Number: 212-MD-02413  
 Description: James E #001 Tubing Line Release

Report To: Christian Lull  
 901 West Wall  
 Suite 100  
 Midland, TX 79701

Entire Report Reviewed By:

Erica McNeese  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

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

|   |    |   |
|---|----|---|
| <b>Cp: Cover Page</b>                               | 1  |  |
| <b>Tc: Table of Contents</b>                        | 2  |   |
| <b>Ss: Sample Summary</b>                           | 3  |  |
| <b>Cn: Case Narrative</b>                           | 4  |   |
| <b>Sr: Sample Results</b>                           | 5  |  |
| AH-9 (0-1) L1350285-01                              | 5  |   |
| AH-9 (2-3) L1350285-02                              | 6  |  |
| <b>Qc: Quality Control Summary</b>                  | 7  |  |
| Total Solids by Method 2540 G-2011                  | 7  |   |
| Wet Chemistry by Method 300.0                       | 8  |  |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | 9  |   |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | 10 |  |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | 11 |  |
| <b>Gl: Glossary of Terms</b>                        | 12 |   |
| <b>Al: Accreditations &amp; Locations</b>           | 13 |  |
| <b>Sc: Sample Chain of Custody</b>                  | 14 |   |

AH-9 (0-1) L1350285-01 Solid

Collected by Andrew Garcia  
 Collected date/time 05/05/21 11:00  
 Received date/time 05/08/21 09:45

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1670301 | 1        | 05/13/21 20:36        | 05/13/21 21:11     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1672343 | 1        | 05/18/21 00:10        | 05/18/21 05:29     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1669406 | 1        | 05/12/21 13:55        | 05/13/21 10:22     | DWR     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1669720 | 1        | 05/12/21 13:55        | 05/13/21 12:53     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1670825 | 1        | 05/14/21 18:12        | 05/17/21 02:59     | CAG     | Mt. Juliet, TN |

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

AH-9 (2-3) L1350285-02 Solid

Collected by Andrew Garcia  
 Collected date/time 05/05/21 11:30  
 Received date/time 05/08/21 09:45

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                  | WG1670301 | 1        | 05/13/21 20:36        | 05/13/21 21:11     | KDW     | Mt. Juliet, TN |
| Wet Chemistry by Method 300.0                       | WG1672343 | 1        | 05/18/21 00:10        | 05/18/21 05:38     | ELN     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1669406 | 1        | 05/12/21 13:55        | 05/13/21 10:44     | DWR     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1669720 | 1        | 05/12/21 13:55        | 05/13/21 13:12     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1670825 | 1        | 05/14/21 18:12        | 05/17/21 02:46     | CAG     | Mt. Juliet, TN |

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

Erica McNeese  
Project Manager

- <sup>1</sup> Cp
- <sup>2</sup> Tc
- <sup>3</sup> Ss
- <sup>4</sup> Cn
- <sup>5</sup> Sr
- <sup>6</sup> Qc
- <sup>7</sup> Gl
- <sup>8</sup> Al
- <sup>9</sup> Sc

Collected date/time: 05/05/21 11:00

L1350285

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 91.4   |           | 1        | 05/13/2021 21:11 | <a href="#">WG1670301</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | U            |           | 10.1      | 21.9      | 1        | 05/18/2021 05:29 | <a href="#">WG1672343</a> |

- 5 Sr

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0237    | 0.109     | 1        | 05/13/2021 10:22 | <a href="#">WG1669406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 91.7         |           |           | 77.0-120  |          | 05/13/2021 10:22 | <a href="#">WG1669406</a> |

- 6 Qc

- 7 Gl

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            | J3        | 0.000555  | 0.00119   | 1        | 05/13/2021 12:53 | <a href="#">WG1669720</a> |
| Toluene                   | U            | J3        | 0.00155   | 0.00594   | 1        | 05/13/2021 12:53 | <a href="#">WG1669720</a> |
| Ethylbenzene              | U            | J3        | 0.000876  | 0.00297   | 1        | 05/13/2021 12:53 | <a href="#">WG1669720</a> |
| Total Xylenes             | U            |           | 0.00105   | 0.00773   | 1        | 05/13/2021 12:53 | <a href="#">WG1669720</a> |
| (S) Toluene-d8            | 121          |           |           | 75.0-131  |          | 05/13/2021 12:53 | <a href="#">WG1669720</a> |
| (S) 4-Bromofluorobenzene  | 94.0         |           |           | 67.0-138  |          | 05/13/2021 12:53 | <a href="#">WG1669720</a> |
| (S) 1,2-Dichloroethane-d4 | 105          |           |           | 70.0-130  |          | 05/13/2021 12:53 | <a href="#">WG1669720</a> |

- 8 Al

- 9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | U            |           | 1.76      | 4.38      | 1        | 05/17/2021 02:59 | <a href="#">WG1670825</a> |
| C28-C40 Oil Range    | 6.90         |           | 0.300     | 4.38      | 1        | 05/17/2021 02:59 | <a href="#">WG1670825</a> |
| (S) o-Terphenyl      | 47.6         |           |           | 18.0-148  |          | 05/17/2021 02:59 | <a href="#">WG1670825</a> |

Collected date/time: 05/05/21 11:30

L1350285

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
| Total Solids | 96.4   |           | 1        | 05/13/2021 21:11 | <a href="#">WG1670301</a> |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

| Analyte  | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Chloride | 15.0         | J         | 9.54      | 20.7      | 1        | 05/18/2021 05:38 | <a href="#">WG1672343</a> |

5 Sr

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0225    | 0.104     | 1        | 05/13/2021 10:44 | <a href="#">WG1669406</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 91.7         |           |           | 77.0-120  |          | 05/13/2021 10:44 | <a href="#">WG1669406</a> |

6 Qc

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| Benzene                   | U            |           | 0.000502  | 0.00107   | 1        | 05/13/2021 13:12 | <a href="#">WG1669720</a> |
| Toluene                   | U            |           | 0.00140   | 0.00537   | 1        | 05/13/2021 13:12 | <a href="#">WG1669720</a> |
| Ethylbenzene              | U            |           | 0.000792  | 0.00269   | 1        | 05/13/2021 13:12 | <a href="#">WG1669720</a> |
| Total Xylenes             | U            |           | 0.000946  | 0.00699   | 1        | 05/13/2021 13:12 | <a href="#">WG1669720</a> |
| (S) Toluene-d8            | 128          |           |           | 75.0-131  |          | 05/13/2021 13:12 | <a href="#">WG1669720</a> |
| (S) 4-Bromofluorobenzene  | 124          |           |           | 67.0-138  |          | 05/13/2021 13:12 | <a href="#">WG1669720</a> |
| (S) 1,2-Dichloroethane-d4 | 108          |           |           | 70.0-130  |          | 05/13/2021 13:12 | <a href="#">WG1669720</a> |

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte              | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|----------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
| C10-C28 Diesel Range | U            |           | 1.67      | 4.15      | 1        | 05/17/2021 02:46 | <a href="#">WG1670825</a> |
| C28-C40 Oil Range    | 3.28         | J         | 0.284     | 4.15      | 1        | 05/17/2021 02:46 | <a href="#">WG1670825</a> |
| (S) o-Terphenyl      | 51.1         |           |           | 18.0-148  |          | 05/17/2021 02:46 | <a href="#">WG1670825</a> |

Total Solids by Method 2540 G-2011

[L1350285-01,02](#)

Method Blank (MB)

(MB) R3654578-1 05/13/21 21:11

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
|              | %         |              | %      | %      |
| Total Solids | 0.00100   |              |        |        |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

L1350269-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1350269-01 05/13/21 21:11 • (DUP) R3654578-3 05/13/21 21:11

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
|              | %               | %          |          | %       |               | %              |
| Total Solids | 83.7            | 84.3       | 1        | 0.762   |               | 10             |

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

Laboratory Control Sample (LCS)

(LCS) R3654578-2 05/13/21 21:11

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
|              | %            | %          | %        | %           |               |
| Total Solids | 50.0         | 50.0       | 100      | 85.0-115    |               |

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Wet Chemistry by Method 300.0

[L1350285-01,02](#)

Method Blank (MB)

(MB) R3655619-1 05/18/21 03:07

| Analyte  | MB Result | MB Qualifier | MB MDL | MB RDL |
|----------|-----------|--------------|--------|--------|
| Chloride | U         |              | 9.20   | 20.0   |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1348718-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1348718-01 05/18/21 03:35 • (DUP) R3655619-3 05/18/21 03:44

| Analyte  | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------|------------|----------|---------|---------------|----------------|
| Chloride | 99.8            | 100        | 1        | 0.674   |               | 20             |

L1351233-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1351233-06 05/18/21 06:54 • (DUP) R3655619-6 05/18/21 07:04

| Analyte  | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------|------------|----------|---------|---------------|----------------|
| Chloride | U               | U          | 1        | 0.000   |               | 20             |

Laboratory Control Sample (LCS)

(LCS) R3655619-2 05/18/21 03:16

| Analyte  | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------|--------------|------------|----------|-------------|---------------|
| Chloride | 200          | 204        | 102      | 90.0-110    |               |

L1348718-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1348718-01 05/18/21 03:35 • (MS) R3655619-4 05/18/21 03:54 • (MSD) R3655619-5 05/18/21 04:03

| Analyte  | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD   | RPD Limits |
|----------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
| Chloride | 500          | 99.8            | 639       | 638        | 108     | 108      | 1        | 80.0-120    |              |               | 0.257 | 20         |

Volatile Organic Compounds (GC) by Method 8015D/GRO

[L1350285-01,02](#)

Method Blank (MB)

(MB) R3654968-2 05/13/21 04:42

| Analyte                            | MB Result | MB Qualifier | MB MDL | MB RDL   |
|------------------------------------|-----------|--------------|--------|----------|
| TPH (GC/FID) Low Fraction          | U         |              | 0.0217 | 0.100    |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 98.2      |              |        | 77.0-120 |

Laboratory Control Sample (LCS)

(LCS) R3654968-1 05/13/21 03:58

| Analyte                            | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------------------------|--------------|------------|----------|-------------|---------------|
| TPH (GC/FID) Low Fraction          | 5.50         | 5.09       | 92.5     | 72.0-127    |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |            | 107      | 77.0-120    |               |

L1350296-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1350296-19 05/13/21 11:06 • (MS) R3654968-3 05/13/21 14:45 • (MSD) R3654968-4 05/13/21 15:07

| Analyte                            | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|------------------------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| TPH (GC/FID) Low Fraction          | 101          | U               | 97.5      | 104        | 96.5    | 103      | 25       | 10.0-151    |              |               | 6.45 | 28         |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |                 |           |            | 110     | 112      |          | 77.0-120    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

[L1350285-01,02](#)

Method Blank (MB)

(MB) R3654371-2 05/13/21 03:05

| Analyte                   | MB Result | MB Qualifier | MB MDL   | MB RDL   |
|---------------------------|-----------|--------------|----------|----------|
|                           | mg/kg     |              | mg/kg    | mg/kg    |
| Benzene                   | U         |              | 0.000467 | 0.00100  |
| Ethylbenzene              | U         |              | 0.000737 | 0.00250  |
| Toluene                   | U         |              | 0.00130  | 0.00500  |
| Xylenes, Total            | U         |              | 0.000880 | 0.00650  |
| (S) Toluene-d8            | 94.3      |              |          | 75.0-131 |
| (S) 4-Bromofluorobenzene  | 97.5      |              |          | 67.0-138 |
| (S) 1,2-Dichloroethane-d4 | 117       |              |          | 70.0-130 |

Laboratory Control Sample (LCS)

(LCS) R3654371-1 05/13/21 02:08

| Analyte                   | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------------------------|--------------|------------|----------|-------------|---------------|
|                           | mg/kg        | mg/kg      | %        | %           |               |
| Benzene                   | 0.125        | 0.106      | 84.8     | 70.0-123    |               |
| Ethylbenzene              | 0.125        | 0.132      | 106      | 74.0-126    |               |
| Toluene                   | 0.125        | 0.133      | 106      | 75.0-121    |               |
| Xylenes, Total            | 0.375        | 0.374      | 99.7     | 72.0-127    |               |
| (S) Toluene-d8            |              |            | 126      | 75.0-131    |               |
| (S) 4-Bromofluorobenzene  |              |            | 95.0     | 67.0-138    |               |
| (S) 1,2-Dichloroethane-d4 |              |            | 121      | 70.0-130    |               |

L1350285-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1350285-01 05/13/21 12:53 • (MS) R3654371-3 05/13/21 13:51 • (MSD) R3654371-4 05/13/21 14:10

| Analyte                   | Spike Amount (dry) | Original Result (dry) | MS Result (dry) | MSD Result (dry) | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|---------------------------|--------------------|-----------------------|-----------------|------------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
|                           | mg/kg              | mg/kg                 | mg/kg           | mg/kg            | %       | %        |          | %           |              |               | %    | %          |
| Benzene                   | 0.149              | U                     | 0.0895          | 0.136            | 60.2    | 91.2     | 1        | 10.0-149    |              | J3            | 40.9 | 37         |
| Ethylbenzene              | 0.149              | U                     | 0.111           | 0.169            | 74.5    | 114      | 1        | 10.0-160    |              | J3            | 41.6 | 38         |
| Toluene                   | 0.149              | U                     | 0.112           | 0.176            | 75.2    | 118      | 1        | 10.0-156    |              | J3            | 44.6 | 38         |
| Xylenes, Total            | 0.446              | U                     | 0.323           | 0.445            | 72.5    | 99.7     | 1        | 10.0-160    |              |               | 31.6 | 38         |
| (S) Toluene-d8            |                    |                       |                 |                  | 125     | 120      |          | 75.0-131    |              |               |      |            |
| (S) 4-Bromofluorobenzene  |                    |                       |                 |                  | 101     | 82.6     |          | 67.0-138    |              |               |      |            |
| (S) 1,2-Dichloroethane-d4 |                    |                       |                 |                  | 112     | 105      |          | 70.0-130    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

[L1350285-01,02](#)

Method Blank (MB)

(MB) R3655265-1 05/17/21 01:14

| Analyte              | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------------------|--------------------|--------------|-----------------|-----------------|
| C10-C28 Diesel Range | U                  |              | 1.61            | 4.00            |
| C28-C40 Oil Range    | U                  |              | 0.274           | 4.00            |
| (S) o-Terphenyl      | 52.7               |              |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R3655265-2 05/17/21 01:27

| Analyte              | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------|-----------------------|---------------------|---------------|------------------|---------------|
| C10-C28 Diesel Range | 50.0                  | 32.2                | 64.4          | 50.0-150         |               |
| (S) o-Terphenyl      |                       |                     | 52.4          | 18.0-148         |               |

L1350296-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1350296-14 05/17/21 04:43 • (MS) R3655265-3 05/17/21 04:56 • (MSD) R3655265-4 05/17/21 05:09

| Analyte              | Spike Amount (dry)<br>mg/kg | Original Result (dry)<br>mg/kg | MS Result (dry)<br>mg/kg | MSD Result (dry)<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------------------|-----------------------------|--------------------------------|--------------------------|---------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| C10-C28 Diesel Range | 51.0                        | 2.37                           | 32.3                     | 28.8                      | 58.6         | 51.7          | 1        | 50.0-150         |              |               | 11.2     | 20              |
| (S) o-Terphenyl      |                             |                                |                          |                           | 30.7         | 27.0          |          | 18.0-148         |              |               |          |                 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Guide to Reading and Understanding Your Laboratory Report

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

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

### Abbreviations and Definitions

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

| Qualifier | Description  |
|-----------|--|
| J         | The identification of the analyte is acceptable; the reported value is an estimate.      |
| J3        | The associated batch QC was outside the established quality control range for precision. |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

|                               |             |                             |                  |
|-------------------------------|-------------|-----------------------------|------------------|
| Alabama                       | 40660       | Nebraska                    | NE-OS-15-05      |
| Alaska                        | 17-026      | Nevada                      | TN000032021-1    |
| Arizona                       | AZ0612      | New Hampshire               | 2975             |
| Arkansas                      | 88-0469     | New Jersey-NELAP            | TN002            |
| California                    | 2932        | New Mexico <sup>1</sup>     | TN00003          |
| Colorado                      | TN00003     | New York                    | 11742            |
| Connecticut                   | PH-0197     | North Carolina              | Env375           |
| Florida                       | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                       | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>          | 923         | North Dakota                | R-140            |
| Idaho                         | TN00003     | Ohio-VAP                    | CL0069           |
| Illinois                      | 200008      | Oklahoma                    | 9915             |
| Indiana                       | C-TN-01     | Oregon                      | TN200002         |
| Iowa                          | 364         | Pennsylvania                | 68-02979         |
| Kansas                        | E-10277     | Rhode Island                | LA000356         |
| Kentucky <sup>1,6</sup>       | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>         | 16          | South Dakota                | n/a              |
| Louisiana                     | AI30792     | Tennessee <sup>1,4</sup>    | 2006             |
| Louisiana                     | LA018       | Texas                       | T104704245-20-18 |
| Maine                         | TN00003     | Texas <sup>5</sup>          | LAB0152          |
| Maryland                      | 324         | Utah                        | TN000032021-11   |
| Massachusetts                 | M-TN003     | Vermont                     | VT2006           |
| Michigan                      | 9958        | Virginia                    | 110033           |
| Minnesota                     | 047-999-395 | Washington                  | C847             |
| Mississippi                   | TN00003     | West Virginia               | 233              |
| Missouri                      | 340         | Wisconsin                   | 998093910        |
| Montana                       | CERT0086    | Wyoming                     | A2LA             |
| A2LA – ISO 17025              | 1461.01     | AIHA-LAP,LLC EMLAP          | 100789           |
| A2LA – ISO 17025 <sup>5</sup> | 1461.02     | DOD                         | 1461.01          |
| Canada                        | 1461.01     | USDA                        | P330-15-00234    |
| EPA-Crypto                    | TN00003     |                             |                  |

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

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

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

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc





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

---

December 15, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E #1

Enclosed are the results of analyses for samples received by the laboratory on 12/12/22 15:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                 |                     |                  |
|-------------------|-----------------|---------------------|------------------|
| Received:         | 12/12/2022      | Sampling Date:      | 12/12/2022       |
| Reported:         | 12/15/2022      | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #1      | Sampling Condition: | ** (See Notes)   |
| Project Number:   | 212C-MD-02413   | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EDDY COUNTY, NM |                     |                  |

**Sample ID: AH - 10 (0-1') (H225847-01)**

| 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           | 12/13/2022 | ND               | 2.23 | 112        | 2.00          | 1.25  |           |
| Toluene*       | <0.050 | 0.050           | 12/13/2022 | ND               | 2.23 | 112        | 2.00          | 1.41  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 12/13/2022 | ND               | 2.17 | 109        | 2.00          | 0.453 |           |
| Total Xylenes* | <0.150 | 0.150           | 12/13/2022 | ND               | 6.66 | 111        | 6.00          | 0.413 |           |
| Total BTEX     | <0.300 | 0.300           | 12/13/2022 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 12/13/2022 | ND              | 400 | 100        | 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            | 12/13/2022 | ND              | 197 | 98.6       | 200           | 0.758 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 12/13/2022 | ND              | 204 | 102        | 200           | 0.639 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 12/13/2022 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.2 % 46.3-178

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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                 |                     |                  |
|-------------------|-----------------|---------------------|------------------|
| Received:         | 12/12/2022      | Sampling Date:      | 12/12/2022       |
| Reported:         | 12/15/2022      | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #1      | Sampling Condition: | ** (See Notes)   |
| Project Number:   | 212C-MD-02413   | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EDDY COUNTY, NM |                     |                  |

**Sample ID: AH - 11 (0-1') (H225847-02)**

| 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           | 12/13/2022 | ND               | 2.23 | 112        | 2.00          | 1.25  |           |
| Toluene*       | <0.050 | 0.050           | 12/13/2022 | ND               | 2.23 | 112        | 2.00          | 1.41  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 12/13/2022 | ND               | 2.17 | 109        | 2.00          | 0.453 |           |
| Total Xylenes* | <0.150 | 0.150           | 12/13/2022 | ND               | 6.66 | 111        | 6.00          | 0.413 |           |
| Total BTEX     | <0.300 | 0.300           | 12/13/2022 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 12/13/2022 | ND              | 400 | 100        | 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            | 12/13/2022 | ND              | 197 | 98.6       | 200           | 0.758 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 12/13/2022 | ND              | 204 | 102        | 200           | 0.639 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 12/13/2022 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 75.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.1 % 46.3-178

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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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                 |                     |                  |
|-------------------|-----------------|---------------------|------------------|
| Received:         | 12/12/2022      | Sampling Date:      | 12/12/2022       |
| Reported:         | 12/15/2022      | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #1      | Sampling Condition: | ** (See Notes)   |
| Project Number:   | 212C-MD-02413   | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EDDY COUNTY, NM |                     |                  |

**Sample ID: AH - 12 (0-1') (H225847-03)**

| 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           | 12/13/2022 | ND               | 2.23 | 112        | 2.00          | 1.25  |           |
| Toluene*       | <0.050 | 0.050           | 12/13/2022 | ND               | 2.23 | 112        | 2.00          | 1.41  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 12/13/2022 | ND               | 2.17 | 109        | 2.00          | 0.453 |           |
| Total Xylenes* | <0.150 | 0.150           | 12/13/2022 | ND               | 6.66 | 111        | 6.00          | 0.413 |           |
| Total BTEX     | <0.300 | 0.300           | 12/13/2022 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 12/13/2022 | ND              | 400 | 100        | 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            | 12/13/2022 | ND              | 197 | 98.6       | 200           | 0.758 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 12/13/2022 | ND              | 204 | 102        | 200           | 0.639 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 12/13/2022 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 54.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 60.1 % 46.3-178

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\*=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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

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

ANALYSIS REQUEST

BILL TO

P.O. #:

Company: *Tetra Tech*

Attn: *Christy Lull*

Address: *by email*

City:

State:

Zip:

Phone #:

Fax #:

Company Name: *ConocoPhillips*

Project Manager: *Christy Lull*

Address:

City:

State:

Zip:

Phone #: *202-MD-024138*

Fax #: *301-291-1392*

Project #: *997-100-003792*

Project Name: *Stony A Water Project*

Project Location: *Eddy County, NM*

Sampler Name: *Edith Bickert*

FOR LAB USE ONLY

Lab I.D. *13A58417*

Sample I.D. *1*

*2*

*3*

*AA1-10 (0-1')  
AA1-11 (0-1')  
AA1-12 (0-1')*

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |                                     |     |        |         | PRESERV.   |                                     |         | DATE            | TIME |
|----------|-------------|-------------------|--------------|-------------|------------|-------------------------------------|-----|--------|---------|------------|-------------------------------------|---------|-----------------|------|
|          |             |                   |              | GROUNDWATER | WASTEWATER | SOIL                                | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL                          | OTHER : |                 |      |
|          | <i>1</i>    |                   | <i>5</i>     |             |            | <input checked="" type="checkbox"/> |     |        |         |            | <input checked="" type="checkbox"/> |         | <i>12/2/22</i>  |      |
|          | <i>2</i>    |                   | <i>5</i>     |             |            | <input checked="" type="checkbox"/> |     |        |         |            | <input checked="" type="checkbox"/> |         | <i>12/12/22</i> |      |
|          | <i>3</i>    |                   | <i>5</i>     |             |            | <input checked="" type="checkbox"/> |     |        |         |            | <input checked="" type="checkbox"/> |         | <i>12/12/22</i> |      |

*TPH  
BTEX  
Chlorides*

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Relinquished By: *Edith Bickert*

Relinquished By: *Edith Bickert*

Date: *12/12/22*

Time: *15:19*

Received By: *Spodkiewicz*

Date: *12/12/22*

Time: *15:19*

Observed Temp. °C: *23.2*

Corrected Temp. °C: *21.6*

CHECKED BY: *SL*

Turnaround Time: *Standard*

Thermometer ID #113

Correction Factor -0.6°C

Verbal Result:  Yes  No

Add'l Phone #:

Remarks: *Christy Lull started work*

Standard  Bacteria (only)

Cool Intact  Sample Condition

Observed Temp. °C

Corrected Temp. °C

*SL*  
*5/5/11*



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

---

March 02, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E #001 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/28/23 13:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BG - 1 (0-1') (H230923-01)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 03/01/2023 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: BG - 1 (2'-3') (H230923-02)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 144    | 16.0            | 03/01/2023 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: BG - 1 (4'-5') (H230923-03)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 384    | 16.0            | 03/01/2023 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: BG - 1 (6'-7') (H230923-04)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 480    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BG - 1 (9'-10') (H230923-05)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 720    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

**Sample ID: BG - 1 (14'-15') (H230923-06)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1200   | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

**Sample ID: BG - 1 (19'-20') (H230923-07)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 976    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

**Sample ID: BG - 1 (24'-25') (H230923-08)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 320    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

**Sample ID: BG - 1 (29'-30') (H230923-09)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 224    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

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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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BG - 1 (34'-35') (H230923-10)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 160    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

**Sample ID: BG - 1 (39'-40') (H230923-11)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 176    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

**Sample ID: BG - 1 (44'-45') (H230923-12)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

**Sample ID: BG - 1 (49'-50') (H230923-13)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 80.0   | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 2A (0-1') (H230923-14)**

| 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           | 03/02/2023 | ND              | 2.09 | 105        | 2.00          | 0.931 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.10 | 105        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND              | 2.24 | 112        | 2.00          | 1.30  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND              | 6.88 | 115        | 6.00          | 0.803 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND              |      |            |               |       |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 992    | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 2A (2'-3') (H230923-15)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.09 | 105        | 2.00          | 0.931 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.10 | 105        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND              | 2.24 | 112        | 2.00          | 1.30  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND              | 6.88 | 115        | 6.00          | 0.803 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND              |      |            |               |       |           |

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

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>1040</b> | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| <b>DRO &gt;C10-C28*</b> | <b>82.8</b> | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36        | <10.0       | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 2A (4'-5') (H230923-16)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.09 | 105        | 2.00          | 0.931 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.10 | 105        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND              | 2.24 | 112        | 2.00          | 1.30  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND              | 6.88 | 115        | 6.00          | 0.803 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 864    | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

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 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 2A (6'-7') (H230923-17)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.09 | 105        | 2.00          | 0.931 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.10 | 105        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND              | 2.24 | 112        | 2.00          | 1.30  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND              | 6.88 | 115        | 6.00          | 0.803 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 800    | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 2A (8'-9') (H230923-18)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.09 | 105        | 2.00          | 0.931 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.10 | 105        | 2.00          | 1.27  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND              | 2.24 | 112        | 2.00          | 1.30  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND              | 6.88 | 115        | 6.00          | 0.803 |           |  |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND              |      |            |               |       |           |  |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 640    | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 2A (14'-15') (H230923-19)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.09 | 105        | 2.00          | 0.931 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.10 | 105        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND              | 2.24 | 112        | 2.00          | 1.30  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND              | 6.88 | 115        | 6.00          | 0.803 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND              |      |            |               |       |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 240    | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (0-1') (H230923-22)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.09 | 105        | 2.00          | 0.931 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.10 | 105        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND              | 2.24 | 112        | 2.00          | 1.30  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND              | 6.88 | 115        | 6.00          | 0.803 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND              |      |            |               |       |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 480    | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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

**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (2'-3') (H230923-23)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.09 | 105        | 2.00          | 0.931 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND              | 2.10 | 105        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND              | 2.24 | 112        | 2.00          | 1.30  |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND              | 6.88 | 115        | 6.00          | 0.803 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND              |      |            |               |       |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1060   | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (4'-5') (H230923-24)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/01/2023 | ND               | 2.07 | 103        | 2.00          | 17.2 |           |
| Toluene*       | <0.050 | 0.050           | 03/01/2023 | ND               | 2.00 | 99.9       | 2.00          | 17.4 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/01/2023 | ND               | 1.95 | 97.5       | 2.00          | 19.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/01/2023 | ND               | 6.15 | 102        | 6.00          | 20.6 |           |
| Total BTEX     | <0.300 | 0.300           | 03/01/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1250   | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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**Analytical Results For:**

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 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (6'-7') (H230923-25)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.07 | 103        | 2.00          | 17.2 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.00 | 99.9       | 2.00          | 17.4 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND               | 1.95 | 97.5       | 2.00          | 19.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND               | 6.15 | 102        | 6.00          | 20.6 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 992    | 16.0            | 03/01/2023 | 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            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (8'-9') (H230923-26)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.07 | 103        | 2.00          | 17.2 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.00 | 99.9       | 2.00          | 17.4 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND               | 1.95 | 97.5       | 2.00          | 19.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND               | 6.15 | 102        | 6.00          | 20.6 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 2000   | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/01/2023 | ND              | 216 | 108        | 200           | 6.33 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 7.05 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (14'-15') (H230923-27)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.07 | 103        | 2.00          | 17.2 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.00 | 99.9       | 2.00          | 17.4 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND               | 1.95 | 97.5       | 2.00          | 19.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND               | 6.15 | 102        | 6.00          | 20.6 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1720   | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/01/2023 | ND              | 214 | 107        | 200           | 4.48 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 6.02 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (19'-20') (H230923-28)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.07 | 103        | 2.00          | 17.2 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.00 | 99.9       | 2.00          | 17.4 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND               | 1.95 | 97.5       | 2.00          | 19.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND               | 6.15 | 102        | 6.00          | 20.6 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1800   | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/01/2023 | ND              | 214 | 107        | 200           | 4.48 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 6.02 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 102 % 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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (24'-25') (H230923-29)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.07 | 103        | 2.00          | 17.2 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.00 | 99.9       | 2.00          | 17.4 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND               | 1.95 | 97.5       | 2.00          | 19.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND               | 6.15 | 102        | 6.00          | 20.6 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 784    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/01/2023 | ND              | 214 | 107        | 200           | 4.48 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 6.02 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (29'-30') (H230923-30)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.07 | 103        | 2.00          | 17.2 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.00 | 99.9       | 2.00          | 17.4 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND               | 1.95 | 97.5       | 2.00          | 19.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND               | 6.15 | 102        | 6.00          | 20.6 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 192    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/01/2023 | ND              | 214 | 107        | 200           | 4.48 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 6.02 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (34'-35') (H230923-31)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.07 | 103        | 2.00          | 17.2 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.00 | 99.9       | 2.00          | 17.4 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND               | 1.95 | 97.5       | 2.00          | 19.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND               | 6.15 | 102        | 6.00          | 20.6 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 192    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/01/2023 | ND              | 214 | 107        | 200           | 4.48 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 6.02 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                  |
|-------------------|-----------------------|---------------------|------------------|
| Received:         | 02/28/2023            | Sampling Date:      | 02/28/2023       |
| Reported:         | 03/02/2023            | Sampling Type:      | Soil             |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact    |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Shalyn Rodriguez |
| Project Location: | COP - EDDY COUNTY, NM |                     |                  |

**Sample ID: BH - 4A (39'-40') (H230923-32)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.07 | 103        | 2.00          | 17.2 |           |
| Toluene*       | <0.050 | 0.050           | 03/02/2023 | ND               | 2.00 | 99.9       | 2.00          | 17.4 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/02/2023 | ND               | 1.95 | 97.5       | 2.00          | 19.9 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/02/2023 | ND               | 6.15 | 102        | 6.00          | 20.6 |           |
| Total BTEX     | <0.300 | 0.300           | 03/02/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 03/01/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/01/2023 | ND              | 214 | 107        | 200           | 4.48 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/01/2023 | ND              | 208 | 104        | 200           | 6.02 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/01/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech  
 Project Manager: Christian Lull  
 Address: 8911 Capital o Texas Hwy, Suite 2310  
 City: Austin State: TX Zip:  
 Phone #: (512)565-0190 Fax #:  
 Project #: 212C-MD-02413 Project Owner: ConocoPhillips  
 Project Name: James E #001 Release  
 Project Location: Eddy County, New Mexico  
 Sampler Name: Colton Bickerstaff  
 P.O. #: Company: Tetra Tech  
 Attn: Christian Lull  
 Address: EMAIL  
 City: State: Zip:  
 Phone #: Fax #:

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |        | DATE      | TIME | TPH 8015M | BTEX 8021B | Chloride SM4500Cl-B |
|----------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|-----------|------|-----------|------------|---------------------|
|          |             |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE |           |      |           |            |                     |
| 1        | H230033     | G                 | 1            | X           |            |      |     |        | 2/26/2023 |      |           |            |                     |
| 2        |             | G                 | 1            | X           |            |      |     |        | 2/26/2023 |      |           |            |                     |
| 3        |             | G                 | 1            | X           |            |      |     |        | 2/26/2023 |      |           |            |                     |
| 4        |             | G                 | 1            | X           |            |      |     |        | 2/26/2023 |      |           |            |                     |
| 5        |             | G                 | 1            | X           |            |      |     |        | 2/26/2023 |      |           |            |                     |
| 6        |             | G                 | 1            | X           |            |      |     |        | 2/26/2023 |      |           |            |                     |
| 7        |             | G                 | 1            | X           |            |      |     |        | 2/26/2023 |      |           |            |                     |
| 8        |             | G                 | 1            | X           |            |      |     |        | 2/26/2023 |      |           |            |                     |
| 9        |             | G                 | 1            | X           |            |      |     |        | 2/26/2023 |      |           |            |                     |

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Relinquished By: Colton Bickerstaff  
 Date: 2/28/23  
 Received By: [Signature]  
 Date: 2/28/23  
 Time: 13:32  
 Observed Temp. - C: 10.1 C  
 Corrected Temp. - C: 11.5 C  
 Sample Condition: Cool Intact  
 Checked By: [Signature]  
 Turnaround Time: Standard  
 Bacteria (col) sample condition: Cool Intact  
 Observed Temp. C: [ ]  
 Corrected Temp. C: [ ]

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

FORM-008 R 3.2 1/03/21



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech  
 Project Manager: Christian Lull  
 Address: 8911 Capital o Texas Hwy, Suite 2310  
 City: Austin State: TX Zip:  
 Phone #: (512)565-0190 Fax #:  
 Project #: 212C-MD-02413 Project Owner: ComocoPhillips  
 Project Name: James E #001 Release  
 Project Location: Eddy County, New Mexico  
 Sampler Name: Colton Bickerstaff  
 P.O. #: Company: Tetra Tech  
 Attn: Christian Lull  
 Address: EMAIL  
 City: State: Zip:  
 Phone #: Fax #:

| Lab I.D. | Sample I.D.     | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |        |                    | DATE      | TIME | TPH 8015M | BTEX 8021B | Chloride SM4500Cl-B | HOLD |
|----------|-----------------|-------------------|--------------|-------------|------------|------|-----|--------|--------------------|-----------|------|-----------|------------|---------------------|------|
|          |                 |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : ACID/BASE: |           |      |           |            |                     |      |
| 11302923 | BG-1 (39'-40')  | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |
| 12       | BG-1 (44'-45')  | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |
| 13       | BG-1 (49'-50')  | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |
| 14       | BH-2A (0-1')    | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |
| 15       | BH-2A (2-3')    | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |
| 16       | BH-2A (4-5')    | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |
| 17       | BH-2A (6-7')    | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |
| 18       | BH-2A (8-9')    | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |
| 19       | BH-2A (14'5')   | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |
| 20       | BH-2A (19'-20') | G                 | 1            | X           |            |      |     |        |                    | 2/28/2023 |      |           |            | X                   |      |

PLEASE NOTE: Cardiac and other laboratory services are provided by Tetra Tech. All data including those for negligence and any other cases whereover shall be deemed valid 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 interruption, loss of data or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services provided by Cardinal, regardless of whether such claim is based upon any of the above stated theories or otherwise.

Relinquished By: Colton Bickerstaff  
 Date: 2/28/23  
 Received By: *Shodriqwey*  
 Date: *1/30/23*  
 Time: *1330*  
 Observed Temp.: *5.5°C*  
 Corrected Temp.: *5.5°C*  
 Sample Condition:  Cool  Induct  No  No  
 CHECKED BY: *SKC*  
 Verbal Result:  Yes  No  
 All Results are emailed. Please provide Email address: Christian.Lull@tetratech.com  
 Addtl Phone #:   
 Remarks:   
 Delivered By: (Circle One) Sampler - Ups - Bus - Other:   
 FORM-006 R 3.2 1/06/21

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2328 FAX (575) 393-2476

Company Name: Tetra Tech

P.O. #: **BILL TO**

ANALYSIS REQUEST

Project Manager: Christian Lull

Company: Tetra Tech

Address: 8911 Capital o Texas Hwy, Suite 2310

City: Austin

State: TX Zip:

Attn: Christian Lull

Phone #: (512)565-0190

Fax #: (512)565-0190

Project Owner: ConocoPhillips

Address: EMAIL

Project #: 212C-MD-02413

Project Name: James E #001 Release

City: State: Zip:

Project Location: Eddy County, New Mexico

Phone #: Fax #:

Sampler Name: Colton Bickerstaff

PRESERV. SAMPLING

Lab I.D.

Sample I.D.

| Sample I.D.    | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |           | DATE | TIME | TPH 8015M | BTEX 8021B | Chloride SM4500Cl-B |
|----------------|-------------------|--------------|-------------|------------|------|-----|-----------|------|------|-----------|------------|---------------------|
|                |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE    |      |      |           |            |                     |
| BH-2A (24-25') | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
| BH-4A (0-1')   | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
| BH-4A (2-3')   | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
| BH-4A (4-5')   | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
| BH-4A (6-7')   | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
| BH-4A (8-9')   | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
| BH-4A (14-15') | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
| BH-4A (19-20') | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
| BH-4A (24-25') | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
| BH-4A (29-30') | G 1               | X            | X           |            |      |     | 2/28/2023 |      | X    | X         | X          |                     |
|                |                   |              |             |            |      |     |           |      | X    |           |            |                     |

PLEASE NOTE: Analytical and Diagnostic Chemistry testing and other wet-chemical methods for heavy metals, nutrients, and pesticides are not included in this report. All results are based on the samples received by Cardinal within 30 days after completion of the applicable service. In the event that samples are not received within 30 days, the results may be affected. The performance of services is based on the performance of services rendered by Cardinal, regardless of whether such data is based upon any of the above stated methods or otherwise.

Relinquished By: Colton Bickerstaff

Date: 2/28/23

Received By: Spokegwey

Verbal Result:  Yes  No Add'l Phone #: Christian.Lull@tetratech.com

Relinquished By:

Date: 2/28/23

Received By:

REMARKS:

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: UPS

Observed Temp. °C 4.1°C  
 Corrected Temp. °C 4.5°C

Sample Condition  
 Cool  Impact  
 Yes  No

CHECKED BY: (Initials) SR

Thermometer: Standard  Bacteria (only) Sample Condition  
 Bath: USA Standard 151 Cool Bath Observed Temp. °C  
 Thermometer ID: #113  
 Correction Factor: -0.5°C  
 Yes  No  
 Yes  No Corrected Temp. °C

FORM-006 R 3.2 10/07/21 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsnm.com



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

**BILL TO**

**ANALYSIS REQUEST**

|   |                                 |                         |  |
|---|---------------------------------|-------------------------|--|
| Company Name: Tetra Tech                      |                                 | P.O. #:                 |  |
| Project Manager: Christian Lull               |                                 | Company: Tetra Tech     |  |
| Address: 8911 Capital o Texas Hwy, Suite 2310 |                                 | Attn: Christian Lull    |  |
| City: Austin                                  | State: TX                       | Address: EMAIL          |  |
| Phone #: (512)565-0190                        | Fax #: _____                    | City: _____             |  |
| Project #: 212C-MD-02413                      | Project Owner: Cornoco/Phillips | State: _____ Zip: _____ |  |
| Project Name: James E #001 Release            |                                 | Phone #: _____          |  |
| Project Location: Eddy County, New Mexico     |                                 | Fax #: _____            |  |
| Sampler Name: Colton Bickerstaff              |                                 | PRESERV. _____          |  |
| Lab I.D. _____                                |                                 | SAMPLING _____          |  |

| Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |        | DATE      | TIME | TPH 8015M | BTEX 8021B | Chloride SM4500Cl-B | HOLD |
|-------------|-------------------|--------------|-------------|------------|------|-----|--------|-----------|------|-----------|------------|---------------------|------|
|             |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE |           |      |           |            |                     |      |
| H230923     |                   | 1            | X           |            |      |     |        | 2/26/2023 |      | X         | X          | X                   |      |
| 32          | BH-4A (34-35')    | 1            | X           |            |      |     |        | 2/26/2023 |      | X         | X          | X                   |      |
| 33          | BH-4A (39-40')    | 1            | X           |            |      |     |        | 2/26/2023 |      | X         | X          | X                   |      |
| 34          | BH-4A (44-45')    | 1            | X           |            |      |     |        | 2/26/2023 |      | X         | X          | X                   |      |
|             | BH-4A (49-50')    | 1            | X           |            |      |     |        | 2/26/2023 |      | X         | X          | X                   |      |

|                                     |               |                                |            |
|-------------------------------------|---------------|--------------------------------|------------|
| Relinquished By: Colton Bickerstaff | Date: 2/26/23 | Received By: <i>Spoedinger</i> | Time: 1:33 |
| Relinquished By:                    | Date:         | Received By:                   | Time:      |

|  |   |   |                                     |   |  |                    |                     |
|--|---|---|-------------------------------------|---|--|--------------------|---------------------|
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other: | Observed Temp. - C<br>Corrected Temp. - C | Sample Condition<br>Cool Impact <input type="checkbox"/><br>Ice <input type="checkbox"/><br>No <input type="checkbox"/> | CHECKED BY: <i>SR</i><br>(Initials) | Thermometer ID #113<br>Correction Factor -0.5°C | Standard <input checked="" type="checkbox"/><br>Bacteria (only) Sample Condition | Observed Temp. - C | Corrected Temp. - C |
|--|---|---|-------------------------------------|---|--|--------------------|---------------------|

FORM-005 R 3.2 1/07/21

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

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March 27, 2023

RYAN DICKERSON

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E #001 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/22/23 14:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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 style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 10 (0-1') (H231321-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.25 | 112        | 2.00          | 7.82 |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.24 | 112        | 2.00          | 6.91 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.20 | 110        | 2.00          | 6.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.84 | 114        | 6.00          | 6.00 |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 288    | 16.0            | 03/27/2023 | ND              | 416 | 104        | 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            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 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  
 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 10 (1'-2') (H231321-02)**

| 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           | 03/24/2023 | ND               | 2.25 | 112        | 2.00          | 7.82 |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.24 | 112        | 2.00          | 6.91 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.20 | 110        | 2.00          | 6.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.84 | 114        | 6.00          | 6.00 |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 352    | 16.0            | 03/27/2023 | ND              | 416 | 104        | 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            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 10 (2'-3') (H231321-03)**

| 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           | 03/24/2023 | ND               | 2.25 | 112        | 2.00          | 7.82 |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.24 | 112        | 2.00          | 6.91 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.20 | 110        | 2.00          | 6.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.84 | 114        | 6.00          | 6.00 |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 464    | 16.0            | 03/27/2023 | ND              | 416 | 104        | 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            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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  
 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 10 (3'-4') (H231321-04)**

| 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           | 03/24/2023 | ND               | 2.25 | 112        | 2.00          | 7.82 |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.24 | 112        | 2.00          | 6.91 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.20 | 110        | 2.00          | 6.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.84 | 114        | 6.00          | 6.00 |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1330   | 16.0            | 03/27/2023 | ND              | 416 | 104        | 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            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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  
 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 11 (0-1') (H231321-05)**

| 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           | 03/24/2023 | ND               | 2.25 | 112        | 2.00          | 7.82 |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.24 | 112        | 2.00          | 6.91 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.20 | 110        | 2.00          | 6.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.84 | 114        | 6.00          | 6.00 |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 592    | 16.0            | 03/27/2023 | ND              | 416 | 104        | 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            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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**Analytical Results For:**

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 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 11 (1'-2') (H231321-06)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.25 | 112        | 2.00          | 7.82 |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.24 | 112        | 2.00          | 6.91 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.20 | 110        | 2.00          | 6.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.84 | 114        | 6.00          | 6.00 |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1150   | 16.0            | 03/27/2023 | ND              | 416 | 104        | 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            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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**Analytical Results For:**

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 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 11 (2'-3') (H231321-07)**

| 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           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1840   | 16.0            | 03/27/2023 | ND              | 416 | 104        | 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            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 11 (3'-4') (H231321-08)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1880   | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
 RYAN DICKERSON  
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 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 12 (0-1') (H231321-09)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 12 (1'-2') (H231321-10)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |  |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |  |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 672    | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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  
 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 12 (2'-3') (H231321-11)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1310   | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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**Analytical Results For:**

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 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 12 (3'-4') (H231321-12)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1740   | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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**Analytical Results For:**

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 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 13 (0-1') (H231321-13)**

| 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           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 384    | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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**Analytical Results For:**

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 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 13 (1'-2') (H231321-14)**

| 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           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 336    | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 13 (2'-3') (H231321-15)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1040   | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.6       | 200           | 4.68 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 188 | 94.2       | 200           | 6.26 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 13 (3'-4') (H231321-16)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1250   | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 14 (0-1') (H231321-17)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |            | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>896</b> | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M                  |             | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                    | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                | <10.0       | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| <b>DRO &gt;C10-C28*</b>    | <b>144</b>  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| <b>EXT DRO &gt;C28-C36</b> | <b>22.2</b> | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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  
 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 14 (1'-2') (H231321-18)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>2280</b> | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M                  |            | mg/kg           |            | Analyzed By: MS |     |            |               |      |           | S-04 |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte                    | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |      |
| GRO C6-C10*                | <10.0      | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |      |
| <b>DRO &gt;C10-C28*</b>    | <b>695</b> | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |      |
| <b>EXT DRO &gt;C28-C36</b> | <b>192</b> | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |      |

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 161 % 49.1-148

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

**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 14 (2'-3') (H231321-19)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>5520</b> | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M                  |             | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                    | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                | <10.0       | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| <b>DRO &gt;C10-C28*</b>    | <b>2490</b> | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| <b>EXT DRO &gt;C28-C36</b> | <b>606</b>  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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**Analytical Results For:**

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 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 14 (3'-4') (H231321-20)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>4320</b> | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M                  |            | mg/kg           |            | Analyzed By: MS |     |            |               |      |           | S-04 |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte                    | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |      |
| GRO C6-C10*                | <10.0      | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |      |
| <b>DRO &gt;C10-C28*</b>    | <b>889</b> | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |      |
| <b>EXT DRO &gt;C28-C36</b> | <b>168</b> | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |      |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 185 % 49.1-148

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**Analytical Results For:**

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 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 10 E (0-1') (H231321-21)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 2400   | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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**Analytical Results For:**

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 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 10 W (0-1') (H231321-22)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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**Analytical Results For:**

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 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 11 E (0-1') (H231321-23)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 976    | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 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  
 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 11 W (0-1') (H231321-24)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 176    | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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**Analytical Results For:**

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 RYAN DICKERSON  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 12 E (0-1') (H231321-25)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 144    | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 12 W (0-1') (H231321-26)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.13 | 107        | 2.00          | 14.0 |           |
| Toluene*       | <0.050 | 0.050           | 03/25/2023 | ND              | 2.34 | 117        | 2.00          | 14.1 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/25/2023 | ND              | 2.44 | 122        | 2.00          | 12.5 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/25/2023 | ND              | 7.42 | 124        | 6.00          | 12.5 |           |
| Total BTEX     | <0.300 | 0.300           | 03/25/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 832    | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 13 E (0-1') (H231321-27)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.01 | 101        | 2.00          | 1.25  |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.03 | 102        | 2.00          | 0.780 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.03 | 101        | 2.00          | 0.839 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.10 | 102        | 6.00          | 1.22  |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |       |           |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1220   | 16.0            | 03/27/2023 | ND              | 432 | 108        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 13 W (0-1') (H231321-28)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.01 | 101        | 2.00          | 1.25  |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.03 | 102        | 2.00          | 0.780 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.03 | 101        | 2.00          | 0.839 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.10 | 102        | 6.00          | 1.22  |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |       |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 288    | 16.0            | 03/27/2023 | 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            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 14 E (0-1') (H231321-29)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.01 | 101        | 2.00          | 1.25  |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.03 | 102        | 2.00          | 0.780 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.03 | 101        | 2.00          | 0.839 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.10 | 102        | 6.00          | 1.22  |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |       |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 80.0   | 16.0            | 03/27/2023 | 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            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 03/22/2023            | Sampling Date:      | 03/22/2023     |
| Reported:         | 03/27/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 14 W (0-1') (H231321-30)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.01 | 101        | 2.00          | 1.25  |           |
| Toluene*       | <0.050 | 0.050           | 03/24/2023 | ND               | 2.03 | 102        | 2.00          | 0.780 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 03/24/2023 | ND               | 2.03 | 101        | 2.00          | 0.839 |           |
| Total Xylenes* | <0.150 | 0.150           | 03/24/2023 | ND               | 6.10 | 102        | 6.00          | 1.22  |           |
| Total BTEX     | <0.300 | 0.300           | 03/24/2023 | ND               |      |            |               |       |           |

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

| Chloride, SM4500CI-B |            | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>544</b> | 16.0            | 03/27/2023 | 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            | 03/24/2023 | ND              | 185 | 92.7       | 200           | 14.2 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 03/24/2023 | ND              | 183 | 91.7       | 200           | 9.94 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 03/24/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

|   |  |                      |  |                         |  |
|---|--|----------------------|--|-------------------------|--|
| Company Name: Tetra Tech                      |  | <b>BILL TO</b>       |  | <b>ANALYSIS REQUEST</b> |  |
| Project Manager: Ryan Dickerson               |  | P.O. #:              |  |                         |  |
| Address: 8911 Capital o Texas Hwy, Suite 2310 |  | Company: Tetra Tech  |  |                         |  |
| City: Austin                                  |  | Attn: Ryan Dickerson |  |                         |  |
| Phone #: (512)565-0190                        |  | Address: EMAIL       |  |                         |  |
| Fax #: 212C-MD-02413                          |  | City:                |  |                         |  |
| Project #: 212C-MD-02413                      |  | State:               |  |                         |  |
| Project Name: James E #001 Release            |  | Zip:                 |  |                         |  |
| Project Location: Eddy County, NM             |  | Phone #:             |  |                         |  |
| Sampler Name: Colton Bickerstaff              |  | Fax #:               |  |                         |  |
| FOR LAB USE ONLY                              |  | PRESERV.             |  | SAMPLING                |  |
| Lab I.D.                                      |  | MATRIX               |  | TPH 8015M               |  |
| Sample I.D.                                   |  | GROUNDWATER          |  | BTEX 8021B              |  |
|   |  | WASTEWATER           |  | Chloride SM4500CI-B     |  |
|   |  | SOIL                 |  |                         |  |
|   |  | OIL                  |  |                         |  |
|   |  | SLUDGE               |  |                         |  |
|   |  | OTHER :              |  |                         |  |
|   |  | ACID/BASE:           |  |                         |  |
|   |  | ICE / COOL           |  |                         |  |
|   |  | OTHER :              |  |                         |  |
|   |  | DATE                 |  | TIME                    |  |
| 1 AH-10 (0-1')                                |  | G 1                  |  | X X X X                 |  |
| 2 AH-10 (1-2')                                |  | G 1                  |  | X X X X                 |  |
| 3 AH-10 (2-3')                                |  | G 1                  |  | X X X X                 |  |
| 4 AH-10 (3-4')                                |  | G 1                  |  | X X X X                 |  |
| 5 AH-11 (0-1')                                |  | G 1                  |  | X X X X                 |  |
| 6 AH-11 (1-2')                                |  | G 1                  |  | X X X X                 |  |
| 7 AH-11 (2-3')                                |  | G 1                  |  | X X X X                 |  |
| 8 AH-11 (3-4')                                |  | G 1                  |  | X X X X                 |  |
| 9 AH-12 (0-1')                                |  | G 1                  |  | X X X X                 |  |
| 10 AH-12 (1-2')                               |  | G 1                  |  | X X X X                 |  |

FIELD NOTE: Quality of samples, Cardinal fields and client's inclusion records for any data entry errors should be noted in the report and by the analyst. All data including those for negligence and any other cause whatsoever shall be deemed invalid unless made in writing and received by Cardinal within 30 days after completion of the applicable work. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors inking and of related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

|  |   |  |   |  |
|--|---|--|---|--|
| Relinquished By: Colton Bickerstaff                        | Date: 3/22/23                           | Received By: [Signature]   | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No               | Add'l Phone #:   |
| Relinquished By: [Signature]                               | Date: 3/22/23                           | Received By: [Signature]   | Print Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com |  |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other: | Observed Temp. °C<br>Corrected Temp. °C | Sample Condition<br>Cool Intact <input checked="" type="checkbox"/><br>No <input type="checkbox"/> No <input type="checkbox"/> | Checked By: [Signature]   | Thermometer Type: Standard <input checked="" type="checkbox"/><br>Rush - VA Standard 1A1 <input type="checkbox"/>                      |
|  | 4.8<br>4.2                              |  |   | Thermometer ID #113<br>Correction Factor -0.5°C  |
|  |   |  |   | Microbial (only) sample condition<br>Cool Intact <input type="checkbox"/> Observed Temp. °C  |
|  |   |  |   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C |

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Tetra Tech  
 Project Manager: Ryan Dickerson  
 Address: 8911 Capital o Texas Hwy, Suite 2310  
 City: Austin State: TX Zip:  
 Phone #: (512)565-0190 Fax #:  
 Project #: 212C-MD-02413 Project Owner: ConocoPhillips  
 Project Name: James E #001 Release  
 Project Location: Eddy County, NM  
 Sampler Name: Colton Bickerstaff  
 P.O. #: Company: Tetra Tech  
 Attn: Ryan Dickerson  
 Address: EMAIL  
 City: State: Zip:  
 Phone #: Fax #:

| Lab I.D. | Sample I.D. | (G)RAE OR (C)OMP | # CONTAINERS | MATRIX      |            |      |     |        |                  | PRESERV. | SAMPLING  | DATE | TIME | TPH 8015M | BTEX 8021B | Chloride SM4500CI-B |
|----------|-------------|------------------|--------------|-------------|------------|------|-----|--------|------------------|----------|-----------|------|------|-----------|------------|---------------------|
|          |             |                  |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER ACID/BASE: |          |           |      |      |           |            |                     |
| H231321  | AH-12 (2-3) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |
|          | AH-12 (3-4) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |
|          | AH-13 (0-1) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |
|          | AH-13 (1-2) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |
|          | AH-13 (2-3) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |
|          | AH-13 (3-4) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |
|          | AH-14 (0-1) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |
|          | AH-14 (1-2) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |
|          | AH-14 (2-3) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |
|          | AH-14 (3-4) | G                | 1            | X           |            |      |     |        |                  |          | 3/22/2023 |      | X    | X         | X          |                     |

FOOTNOTES ONLY  
 P.O. DATE NOTE: Sample and container, container labels and data's verification must be confirmed in field and be signed by the analyst. All claims including those for negligence and any other cause whatsoever shall be deemed denied 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 residential or commercial damage, including without limitation, business interruptions, loss of data, or loss of profits incurred by Cardinal, regardless of whether such claim is based upon any of the above substances or other risks, additives or accessories arising out of or related to the performance of services furnished by Cardinal, regardless of whether such claim is based upon any of the above substances or other risks.

Relinquished By: Colton Bickerstaff  
 Date: 3/22/23  
 Time: 1:31  
 Received By: [Signature]  
 Date: [Signature]  
 Time: [Signature]

Vertical Result:  Yes  No  
 All Results are emailed. Please provide Email address: Ryan.Dickerson@tetratech.com  
 Add'l Phone #: [ ]

Thermometer Type: Standard      
 Results:      
 Thermometer ID #113  
 Correction Factor -0.5°C  
 Observed Temp. °C: [ ]  
 Corrected Temp. °C: [ ]

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2328 FAX (575) 393-2476

Company Name: Tetra Tech

**BILL TO**

ANALYSIS REQUEST

Project Manager: Ryan Dickerson

P.O. #: Company: Tetra Tech

Address: 8911 Capital o Texas Hwy, Suite 2310

Attn: Ryan Dickerson

City: Austin

State: TX Zip:

Address: EMAIL

Phone #: (512)565-0190 Fax #:

City: State: Zip:

Project #: 212C-MD-02413 Project Owner: ConocoPhillips

Phone #: Fax #:

Project Name: James E #001 Release

Project Location: Eddy County, NM

Sampler Name: Colton Bickerstaff

Lab I.D.

Sample I.D.

| Sample I.D.      | (G)RAB OR (C)OMP | # CONTAINERS | MATRIX      |            |      |     |        |       | DATE      | TIME | TPH 8015M | BTEX 8021B | Chloride SM4500CI-B |
|------------------|------------------|--------------|-------------|------------|------|-----|--------|-------|-----------|------|-----------|------------|---------------------|
|                  |                  |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER |           |      |           |            |                     |
| 21 AH-10E (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |
| 22 AH-10W (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |
| 23 AH-11E (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |
| 24 AH-11W (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |
| 25 AH-12E (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |
| 26 AH-12W (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |
| 27 AH-13E (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |
| 28 AH-13W (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |
| 29 AH-14E (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |
| 30 AH-14W (0-1') | G                | 1            | X           |            |      |     |        |       | 3/22/2023 | X    | X         | X          |                     |

PLEASE NOTE: Quality and Quantity Chain of Custody and Chain of Custody are required for any chain of custody samples. Samples must be collected in accordance with the methods and procedures outlined in the methods and procedures included in this form. All data including those for negligence and any other cause whatsoever shall be deemed valid unless noted in writing and included 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 interruption, loss of data, or loss of profits incurred by client, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Colton Bickerstaff

Date: 3/22/23

Received By: [Signature]

Verbal Result:  Yes  No

Add'l Phone #:

Relinquished By: [Signature]

Date: 4/27

Received By: [Signature]

REMARKS:

Delivered By: (Circle One)  
Sampler - UPS - Bus - Other:

Observed Temp. °C: 4.8  
Corrected Temp. °C: 4.2

Sample Condition  
Cool  Ice  Wet   
 No  No

CHECKED BY: [Signature]

Thermometer ID #113

Standard    
Cord Method  Observed Temp. °C   
Correction Factor -0.5°C    
 No  No  No  No  No  No  No  No  No

FORM-006 R 3.2 10/07/21

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

---

May 15, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E #001 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/10/23 12:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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 style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (5'-6') (H232327-01)**

| 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           | 05/12/2023 | ND              | 2.08 | 104        | 2.00          | 6.56 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND              | 2.05 | 103        | 2.00          | 7.10 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND              | 2.04 | 102        | 2.00          | 7.17 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND              | 6.23 | 104        | 6.00          | 6.45 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 2600   | 16.0            | 05/11/2023 | ND              | 432 | 108        | 400           | 7.14 |           |

| 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            | 05/11/2023 | ND              | 178 | 88.9       | 200           | 0.0624 |           |
| DRO >C10-C28*    | 412    | 10.0            | 05/11/2023 | ND              | 163 | 81.7       | 200           | 4.11   |           |
| EXT DRO >C28-C36 | 111    | 10.0            | 05/11/2023 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (7'-8') (H232327-02)**

| 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           | 05/12/2023 | ND              | 2.08 | 104        | 2.00          | 6.56 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND              | 2.05 | 103        | 2.00          | 7.10 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND              | 2.04 | 102        | 2.00          | 7.17 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND              | 6.23 | 104        | 6.00          | 6.45 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND              |      |            |               |      |           |

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

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>3280</b> | 16.0            | 05/11/2023 | ND              | 432 | 108        | 400           | 7.14 |           |

| 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            | 05/11/2023 | ND              | 178 | 88.9       | 200           | 0.0624 |           |
| <b>DRO &gt;C10-C28*</b> | <b>134</b> | 10.0            | 05/11/2023 | ND              | 163 | 81.7       | 200           | 4.11   |           |
| EXT DRO >C28-C36        | <10.0      | 10.0            | 05/11/2023 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (9'-10') (H232327-03)**

| 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           | 05/11/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/11/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/11/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/11/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/11/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 2880   | 16.0            | 05/11/2023 | ND              | 432 | 108        | 400           | 7.14 |           |

| 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            | 05/11/2023 | ND              | 178 | 88.9       | 200           | 0.0624 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 163 | 81.7       | 200           | 4.11   |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (14'-15') (H232327-04)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 4800   | 16.0            | 05/11/2023 | ND              | 432 | 108        | 400           | 7.14 |           |

| 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            | 05/11/2023 | ND              | 178 | 88.9       | 200           | 0.0624 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 163 | 81.7       | 200           | 4.11   |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (19'-20') (H232327-05)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5200   | 16.0            | 05/11/2023 | ND              | 432 | 108        | 400           | 7.14 |           |

| 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            | 05/11/2023 | ND              | 178 | 88.9       | 200           | 0.0624 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 163 | 81.7       | 200           | 4.11   |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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**Analytical Results For:**

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 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (24'-25') (H232327-06)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6260   | 16.0            | 05/11/2023 | ND              | 432 | 108        | 400           | 7.14 |           |

| 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            | 05/11/2023 | ND              | 178 | 88.9       | 200           | 0.0624 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 163 | 81.7       | 200           | 4.11   |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (29'-30') (H232327-07)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 4320   | 16.0            | 05/11/2023 | ND              | 432 | 108        | 400           | 3.77 | 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            | 05/11/2023 | ND              | 178 | 88.9       | 200           | 0.0624 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 163 | 81.7       | 200           | 4.11   |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (34'-35') (H232327-08)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3920   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 178 | 88.9       | 200           | 0.0624 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 163 | 81.7       | 200           | 4.11   |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |        |           |

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (39'-40') (H232327-09)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5200   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 183 | 91.6       | 200           | 3.53 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 168 | 84.2       | 200           | 8.20 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (44'-45') (H232327-10)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 4400   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 183 | 91.6       | 200           | 3.53 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 168 | 84.2       | 200           | 8.20 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (49'-50') (H232327-11)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |  |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |  |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5760   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 183 | 91.6       | 200           | 3.53 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 168 | 84.2       | 200           | 8.20 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (54'-55') (H232327-12)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 4640   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 183 | 91.6       | 200           | 3.53 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 168 | 84.2       | 200           | 8.20 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (59'-60') (H232327-13)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 4560   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 183 | 91.6       | 200           | 3.53 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 168 | 84.2       | 200           | 8.20 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (64'-65') (H232327-14)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 4160   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 183 | 91.6       | 200           | 3.53 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 168 | 84.2       | 200           | 8.20 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (69'-70') (H232327-15)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 4320   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 183 | 91.6       | 200           | 3.53 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 168 | 84.2       | 200           | 8.20 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (74'-75') (H232327-16)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3600   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 183 | 91.6       | 200           | 3.53 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 168 | 84.2       | 200           | 8.20 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 5 (79'-80') (H232327-17)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 240    | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 193 | 96.6       | 200           | 0.452 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 175 | 87.5       | 200           | 2.19  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 6 (5'-6') (H232327-18)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1360   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 193 | 96.6       | 200           | 0.452 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 175 | 87.5       | 200           | 2.19  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 6 (7'-8') (H232327-19)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 2480   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 193 | 96.6       | 200           | 0.452 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 175 | 87.5       | 200           | 2.19  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 6 (9'-10') (H232327-20)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6000   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 193 | 96.6       | 200           | 0.452 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 175 | 87.5       | 200           | 2.19  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 6 (14'-15') (H232327-21)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6400   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 193 | 96.6       | 200           | 0.452 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 175 | 87.5       | 200           | 2.19  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 6 (19'-20') (H232327-22)**

| 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           | 05/12/2023 | ND               | 2.06 | 103        | 2.00          | 2.36 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.17 | 109        | 2.00          | 3.01 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.26 | 113        | 2.00          | 1.52 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.68 | 111        | 6.00          | 2.04 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5200   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 193 | 96.6       | 200           | 0.452 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 175 | 87.5       | 200           | 2.19  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: BH - 6 (24'-25') (H232327-23)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.09 | 105        | 2.00          | 5.29 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.15 | 108        | 2.00          | 5.08 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.11 | 106        | 2.00          | 6.93 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.61 | 110        | 6.00          | 6.42 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3760   | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 193 | 96.6       | 200           | 0.452 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 175 | 87.5       | 200           | 2.19  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 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  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

|                   |                       |                     |                |
|-------------------|-----------------------|---------------------|----------------|
| Received:         | 05/10/2023            | Sampling Date:      | 05/10/2023     |
| Reported:         | 05/15/2023            | Sampling Type:      | Soil           |
| Project Name:     | JAMES E #001 RELEASE  | Sampling Condition: | Cool & Intact  |
| Project Number:   | 212C-MD-02413         | Sample Received By: | Tamara Oldaker |
| Project Location: | COP - EDDY COUNTY, NM |                     |                |

**Sample ID: AH - 10E - 2 (0-1') (H232327-24)**

| 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           | 05/12/2023 | ND               | 2.09 | 105        | 2.00          | 5.29 |           |
| Toluene*       | <0.050 | 0.050           | 05/12/2023 | ND               | 2.15 | 108        | 2.00          | 5.08 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 05/12/2023 | ND               | 2.11 | 106        | 2.00          | 6.93 |           |
| Total Xylenes* | <0.150 | 0.150           | 05/12/2023 | ND               | 6.61 | 110        | 6.00          | 6.42 |           |
| Total BTEX     | <0.300 | 0.300           | 05/12/2023 | ND               |      |            |               |      |           |

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

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: GM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 112    | 16.0            | 05/11/2023 | 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            | 05/11/2023 | ND              | 193 | 96.6       | 200           | 0.452 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 05/11/2023 | ND              | 175 | 87.5       | 200           | 2.19  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 05/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2328 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech  
 Project Manager: Christian Lull  
 Address: 9911 Capital o Texas Hwy, Suite 2310  
 City: Austin State: TX Zip:  
 Phone #: (512)565-0190 Fax #:  
 Project #: 212C-MD-02413 Project Owner: ConocoPhillips  
 Project Name: James E #001 Release  
 Project Location: Eddy County, New Mexico  
 Sampler Name: Colton Bickerstaff  
 P.O. #: Company: Tetra Tech  
 Attn: Christian Lull  
 Address: EMAIL  
 City: State: Zip:  
 Phone #: Fax #:

FOR LABOR USE ONLY

Lab I.D. Sample I.D. H32337

| Lab I.D. | Sample I.D.  | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |        |       | PRESERV. | DATE      | TIME | TPH 8015M | BTEX 8021B | Chloride SM4500Cl-B |
|----------|--------------|-------------------|--------------|-------------|------------|------|-----|--------|-------|----------|-----------|------|-----------|------------|---------------------|
|          |              |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER |          |           |      |           |            |                     |
|          | BH-5 (5-6)   | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |
|          | BH-5 (7-8)   | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |
|          | BH-5 (9-10)  | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |
|          | BH-5 (14-15) | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |
|          | BH-5 (19-20) | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |
|          | BH-5 (24-25) | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |
|          | BH-5 (29-30) | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |
|          | BH-5 (34-35) | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |
|          | BH-5 (39-40) | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |
|          | BH-5 (44-45) | G 1               | X            |             |            |      |     |        |       |          | 5/10/2023 | X    | X         | X          |                     |

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Relinquished By: Colton Bickerstaff  
 Date: 5/10/23  
 Received By: [Signature]  
 Date: 12/4/23  
 Received By: [Signature]

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other:  UPS  Bus  Other

Uf-erved Temp. -C: 3.4  
 Cool -C: 2.8  
 Sample Condition:  Good  Fair  Poor

Checked By: [Signature]  
 Initials: [Signature]

Thermometer ID: #113  
 Correction Factor: -0.8°C

Remarks: Verbal Result:  Yes  No  
 Applicable results are emailed. Please provide Email address: Christian.Lull@tetratech.com  
 Add'l Phone #:  Yes  No  
 Concent Temp. °C:  Yes  No

FORM-006 R.3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech  
 Project Manager: Christian Lull  
 Address: 8911 Capital o Texas Hwy, Suite 2310  
 City: Austin State: TX Zip:  
 Phone #: (512)565-0190 Fax #:  
 Project #: 212C-MD-02413 Project Owner: ConocoPhillips  
 Project Name: James E #001 Release  
 Project Location: Eddy County, New Mexico  
 Sampler Name: Colton Bickerstaff  
 P.O. #: Company: Tetra Tech  
 Attn: Christian Lull  
 Address: EMAIL  
 City: State: Zip:  
 Fax #:

| Lab I.D. | Sample I.D.  | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |        | PRESERV. | SAMPLING  | DATE | TIME | TPH 8015M | BTEX 8021B | Chloride SM4500C1-B |
|----------|--------------|-------------------|--------------|-------------|------------|------|-----|--------|----------|-----------|------|------|-----------|------------|---------------------|
|          |              |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE |          |           |      |      |           |            |                     |
| 11       | BH-5 (49-50) | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |
| 12       | BH-5 (54-55) | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |
| 13       | BH-5 (59-60) | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |
| 14       | BH-5 (64-65) | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |
| 15       | BH-5 (69-70) | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |
| 16       | BH-5 (74-75) | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |
| 17       | BH-5 (79-80) | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |
| 18       | BH-6 (5-6)   | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |
| 19       | BH-6 (7-8)   | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |
| 20       | BH-6 (9-10)  | G 1               | X            |             |            |      |     |        |          | 5/10/2023 |      | X    | X         | X          |                     |

FOR LAB USE ONLY  
 P.D. DATE: 5/10/2023  
 P.D. TIME: 12:43  
 P.D. BY: [Signature]  
 P.D. RECD BY: [Signature]  
 P.D. DATE: 5/10/2023  
 P.D. TIME: 12:43  
 P.D. BY: [Signature]  
 P.D. RECD BY: [Signature]

Relinquished By: Colton Bickerstaff  
 Date: 5/10/23  
 Time: 12:43  
 Received By: [Signature]  
 Date: 5/10/23  
 Time: 12:43  
 Observed Temp.: 3.4  
 Corrected Temp.: 2.8  
 Sample Condition: Cool  Moist  Wet   
 Checked By: [Signature]  
 Transferred To: Standard  Backup (only) Sample Condition   
 Batch: 1011111111  Cool Back  Observed Temp.:  
 Thermometer ID: #113     
 Correction Factor: -0.5°C     
 Correction Temp.:  
 REMARKS: All results are emailed. Please provide Email address: Christian.Lull@tetratech.com  
 Add'l Phone #:     
 Correction Temp.:

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



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: Tetra Tech  
 Project Manager: Christian Lujal  
 Address: 8911 Capital o Texas Hwy, Suite 2310  
 City: Austin State: TX Zip:  
 Phone #: 512-565-0190 Fax #:  
 Project #: 212C-MD-02413 Project Owner: ConocoPhillips  
 Project Name: James E #001 Release  
 Project Location: Eddy County, New Mexico  
 Sampler Name: Colton Bickerstaff  
 P.O. #: Company: Tetra Tech  
 Attn: Christian Lujal  
 Address: EMAIL  
 City: State: Zip:  
 Phone #: Fax #:

**BILL TO** ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D. Sample I.D.

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |        |       | PRESERV. | SAMPLING | DATE | TIME | TPH 8015M | BTEX 8021B | Chloride SM4500C1-B |
|----------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|-------|----------|----------|------|------|-----------|------------|---------------------|
|          |             |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER |          |          |      |      |           |            |                     |

|    |                 |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|-----------------|-----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 21 | BH-6 (14-15')   | G 1 | X |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | BH-6 (19-20')   | G 1 | X |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | BH-6 (24-25')   | G 1 | X |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | AH-10E-2 (0-1') | G 1 | X |  |  |  |  |  |  |  |  |  |  |  |  |  |

Relinquished By: Colton Bickerstaff  
 Date: 5/10/23  
 Received By: *Christian Lujal*  
 Date: 5/10/23  
 Time: 12:43  
 Observed Temp. C: 3.9  
 Corrected Temp. C: 2.8  
 Sample Condition: Cool  / Hot   
 Checked By: *TC*  
 Remarks: All results are emailed. Please provide Email address: Christian.Lujal@tetratech.com

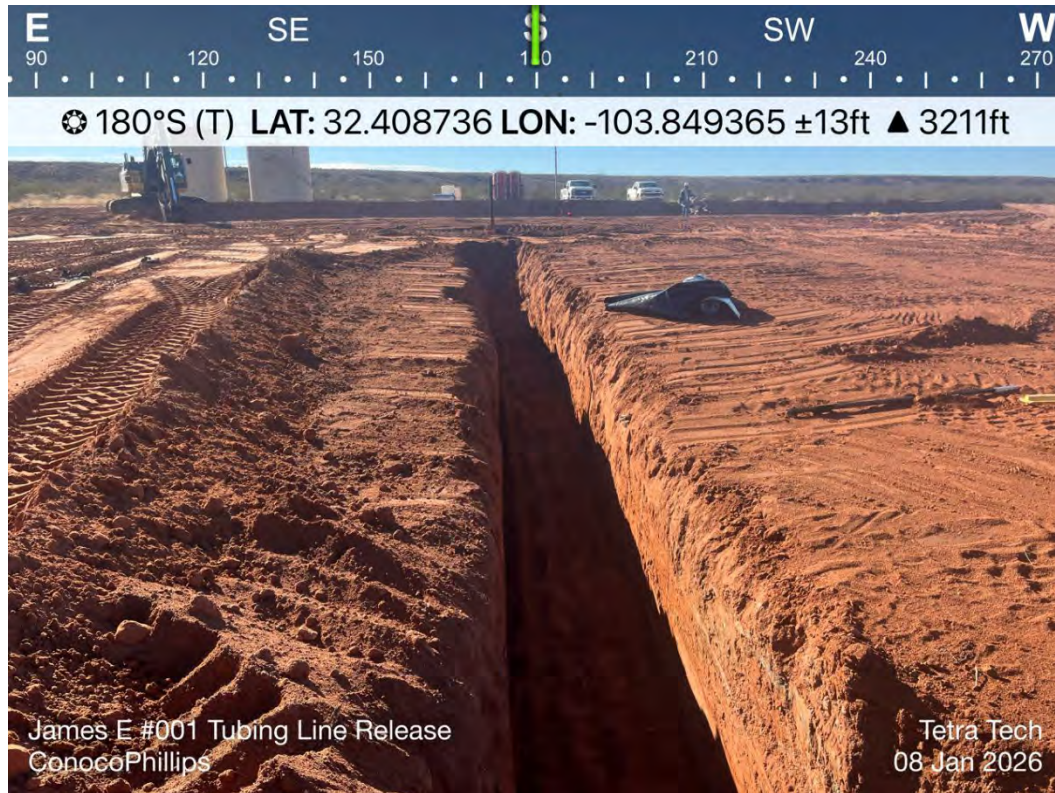
FORM-008 R.3.2 10/07/21  
 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabslabnm.com

# **APPENDIX F**

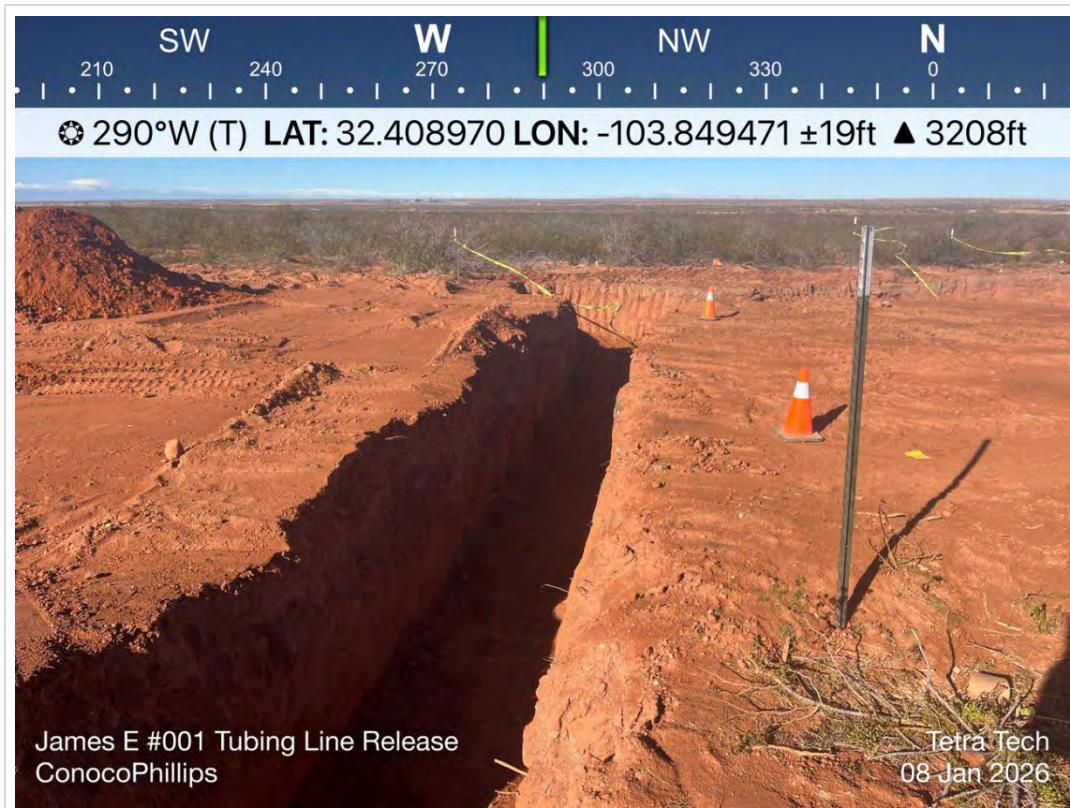
## **Photographic Documentation**



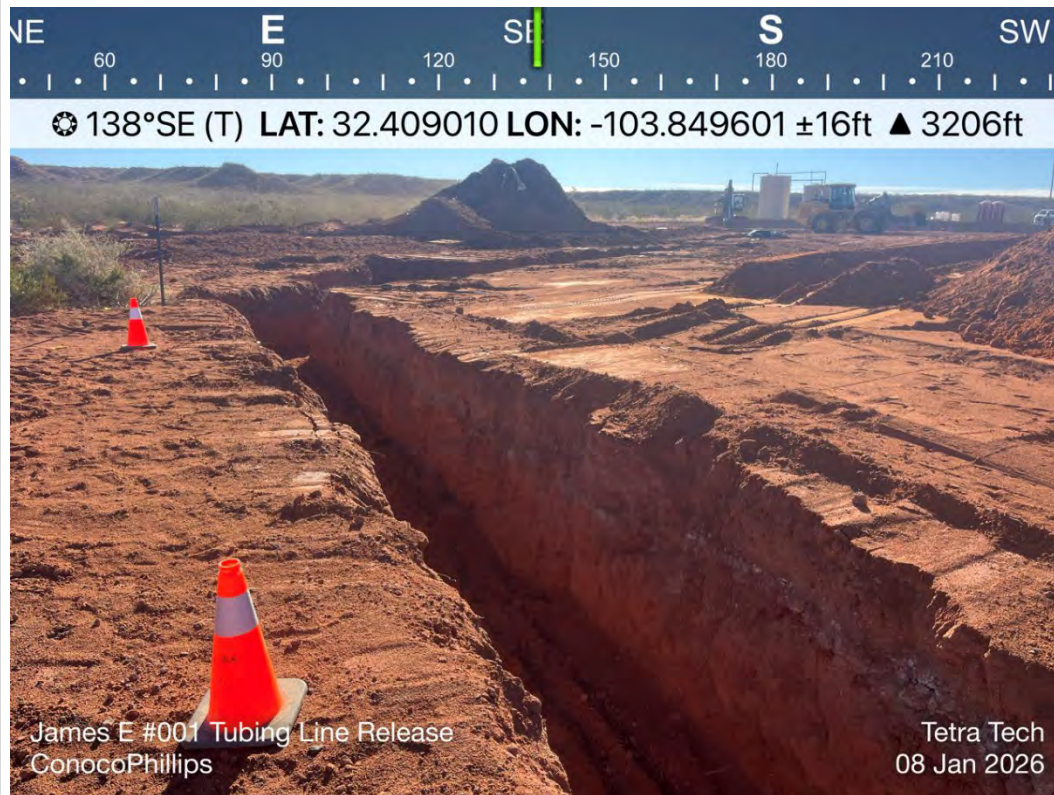
|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | Southern portion of completed 4' excavation, looking north. | 1        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release           | 1/8/2026 |



|  |             |  |          |
|--|-------------|--|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View south towards south sidewall of completed excavation. | 2        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release          | 1/8/2026 |



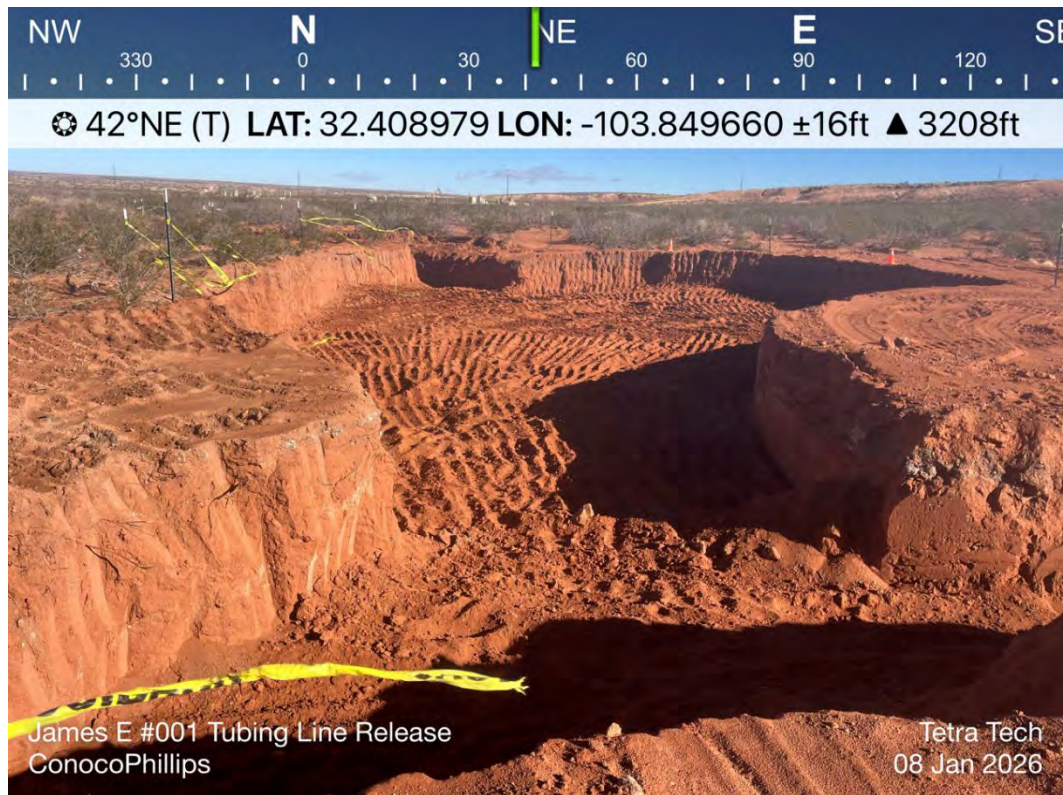
|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View west towards western sidewall of completed excavation. | 3        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release           | 1/8/2026 |



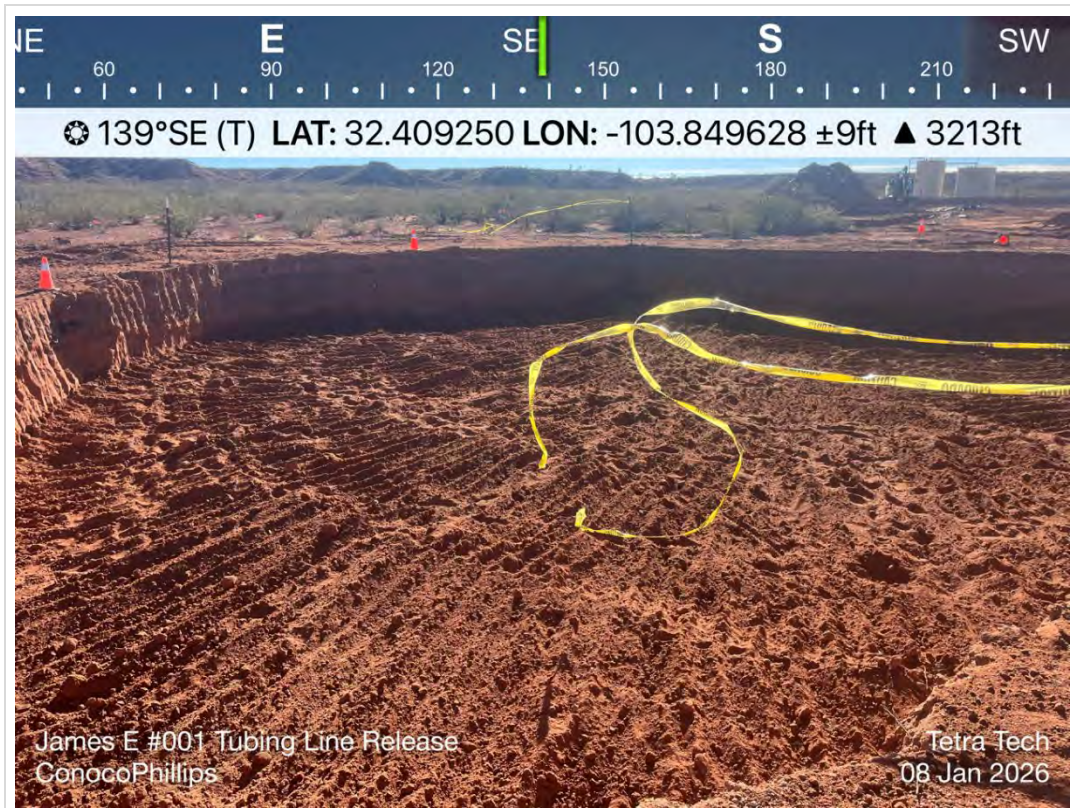
|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View southeast of completed excavation.           | 4        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release | 1/8/2026 |



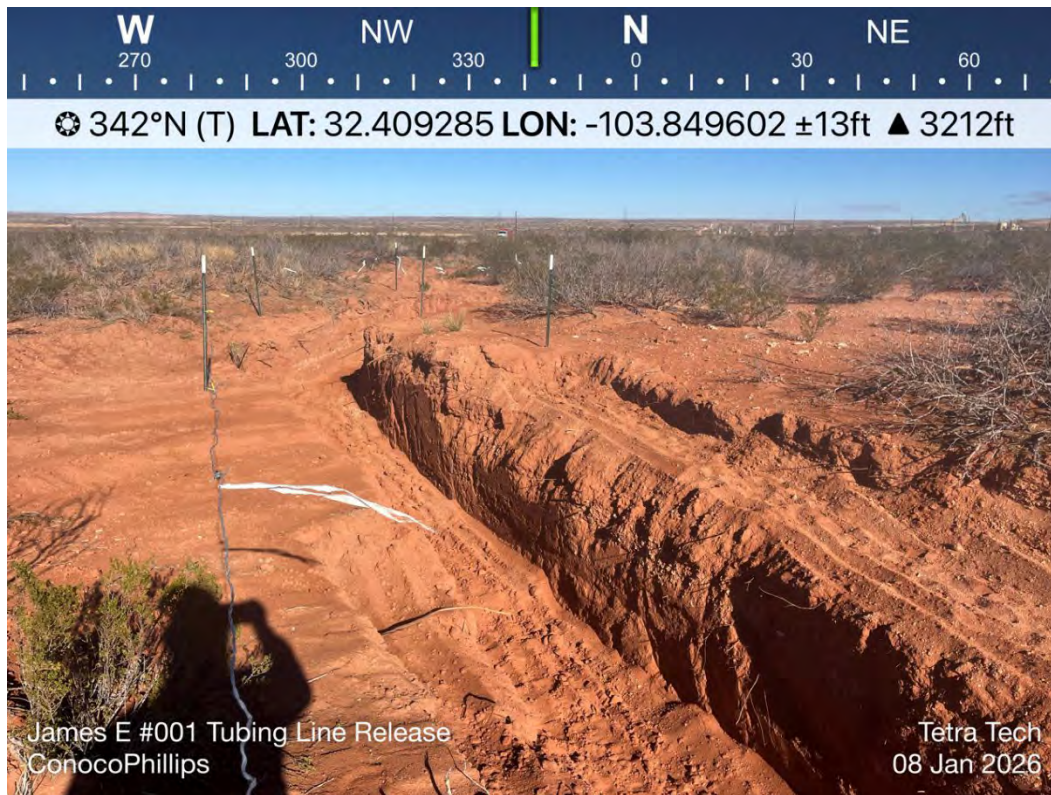
|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | Northeastern view of completed excavation.        | 5        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release | 1/8/2026 |



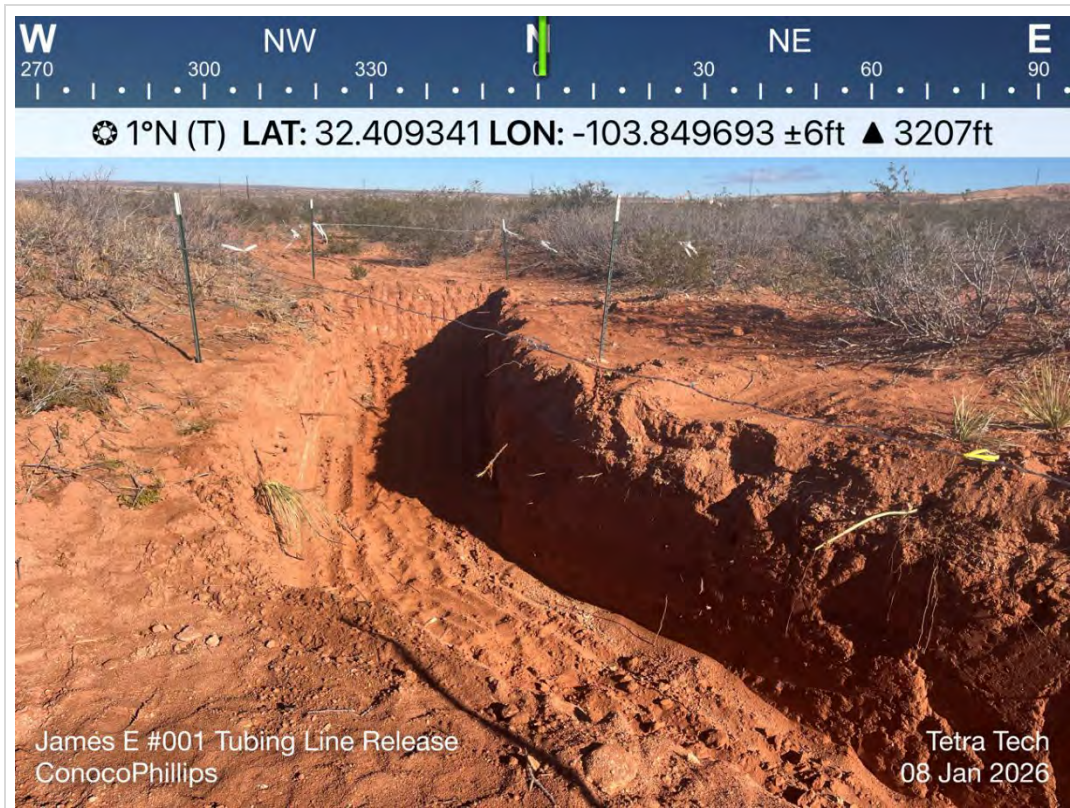
|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View northeast towards northern half of completed excavation. | 6        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release             | 1/8/2026 |



|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | Southeastern view of completed excavation.        | 7        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release | 1/8/2026 |



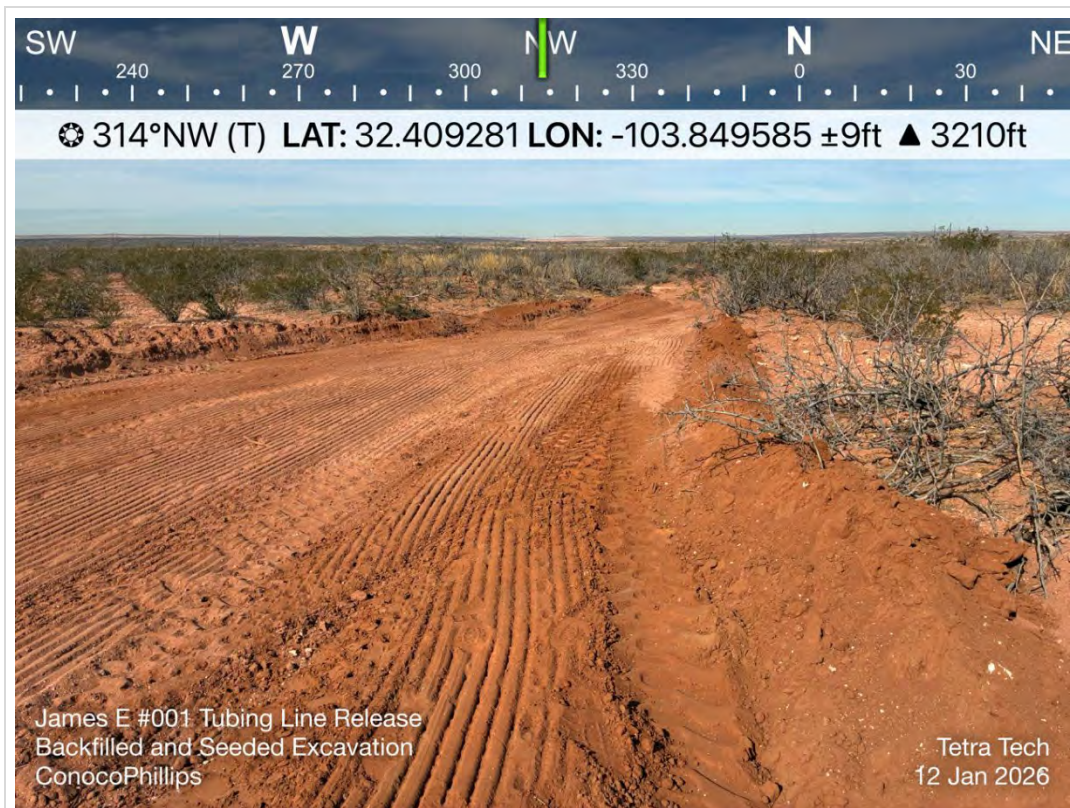
|  |             |   |          |
|--|-------------|---|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | Northwestern view of completed excavation.        | 8        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release | 1/8/2026 |



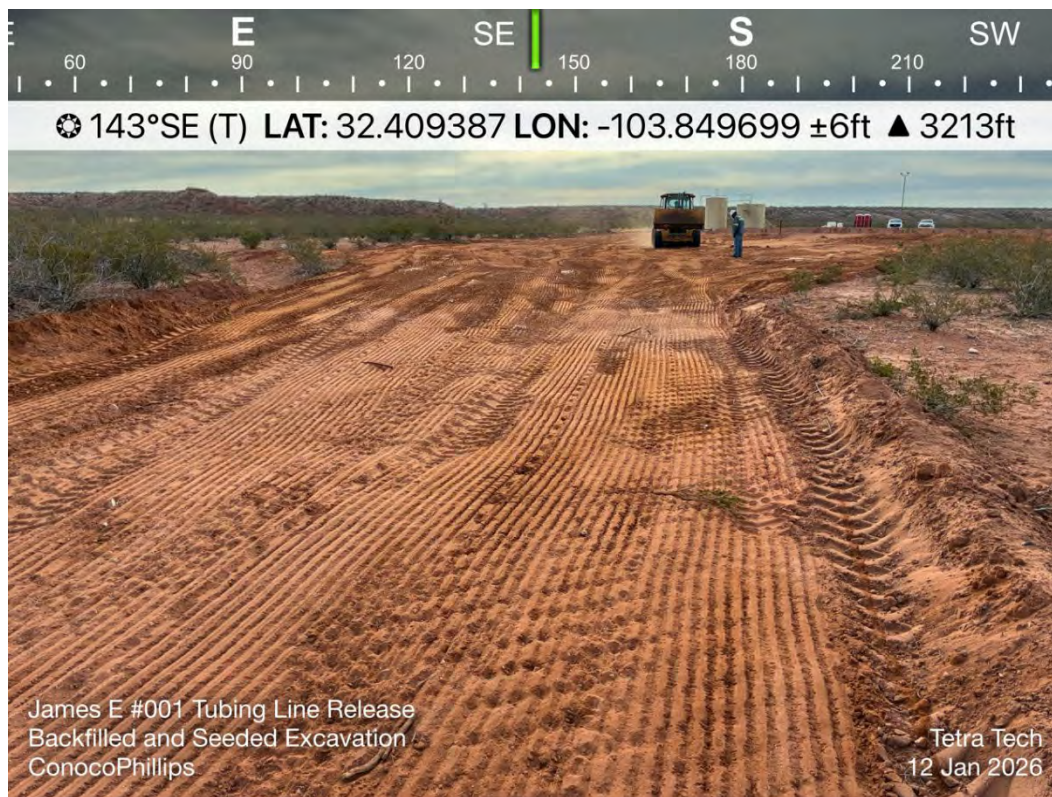
|  |             |  |          |
|--|-------------|--|----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View north of completed excavation, northern sidewall. | 9        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release      | 1/8/2026 |



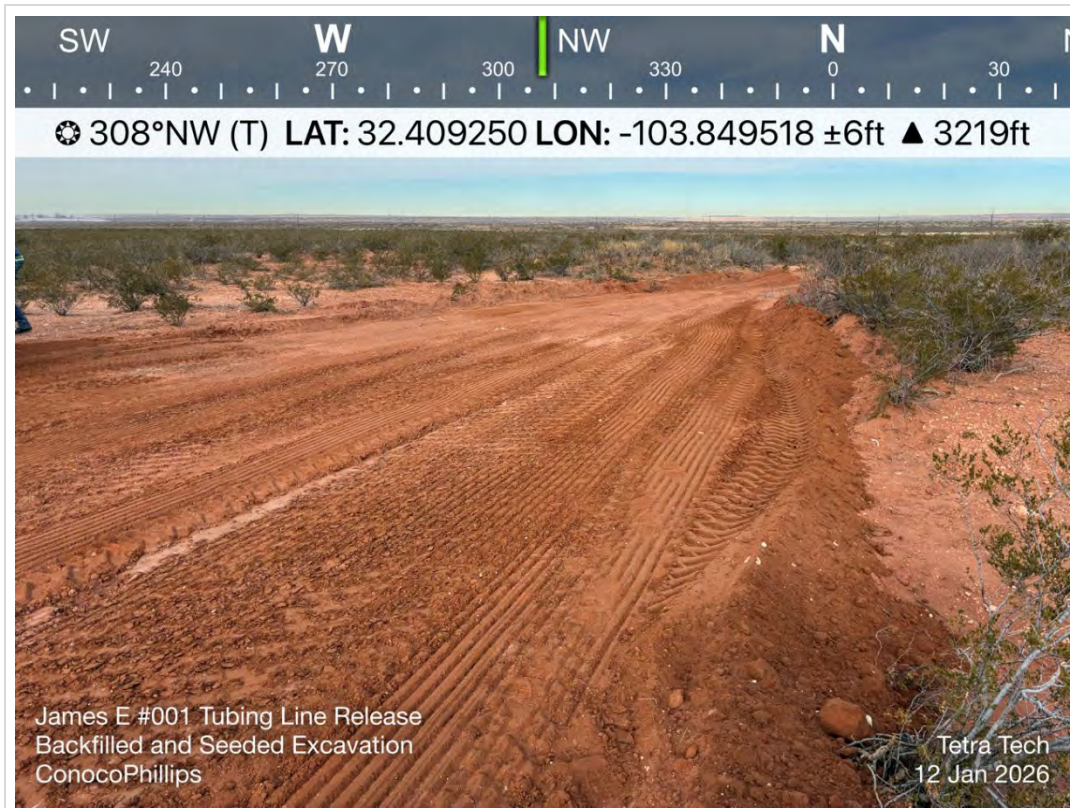
|  |             |   |           |
|--|-------------|---|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View southeast of backfilled and seeded excavation. | 10        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release   | 1/12/2026 |



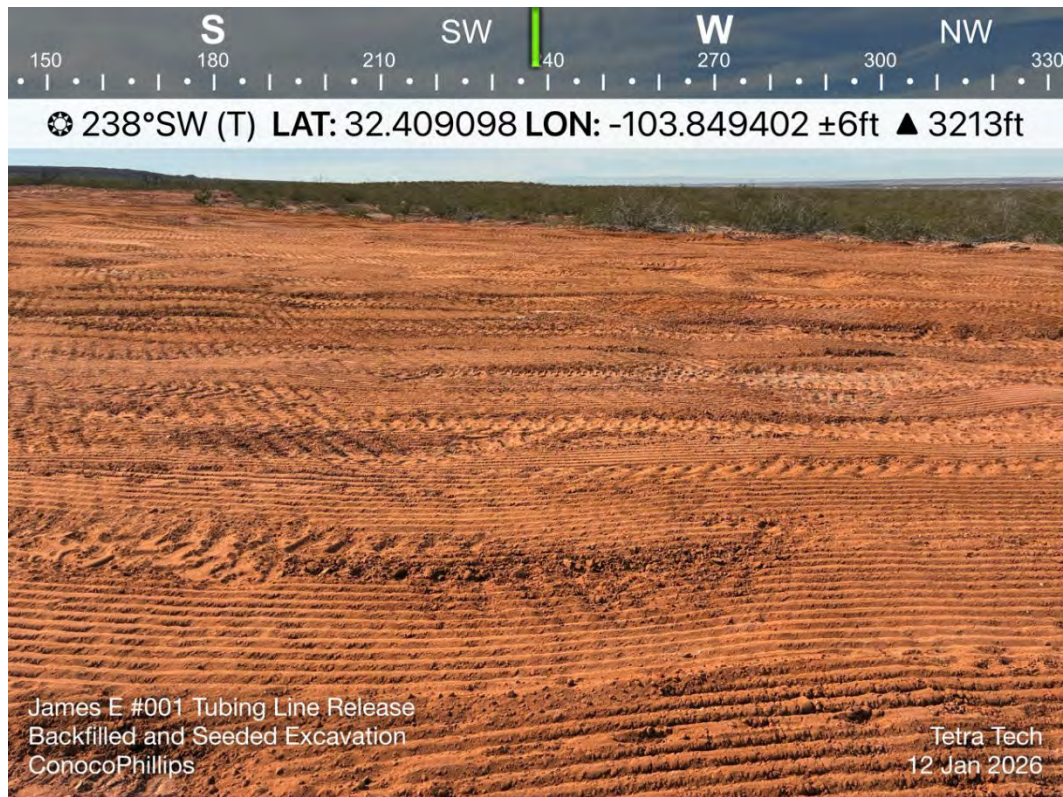
|  |             |  |           |
|--|-------------|--|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | Northwestern view of backfilled and seeded excavation. | 11        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release      | 1/12/2026 |



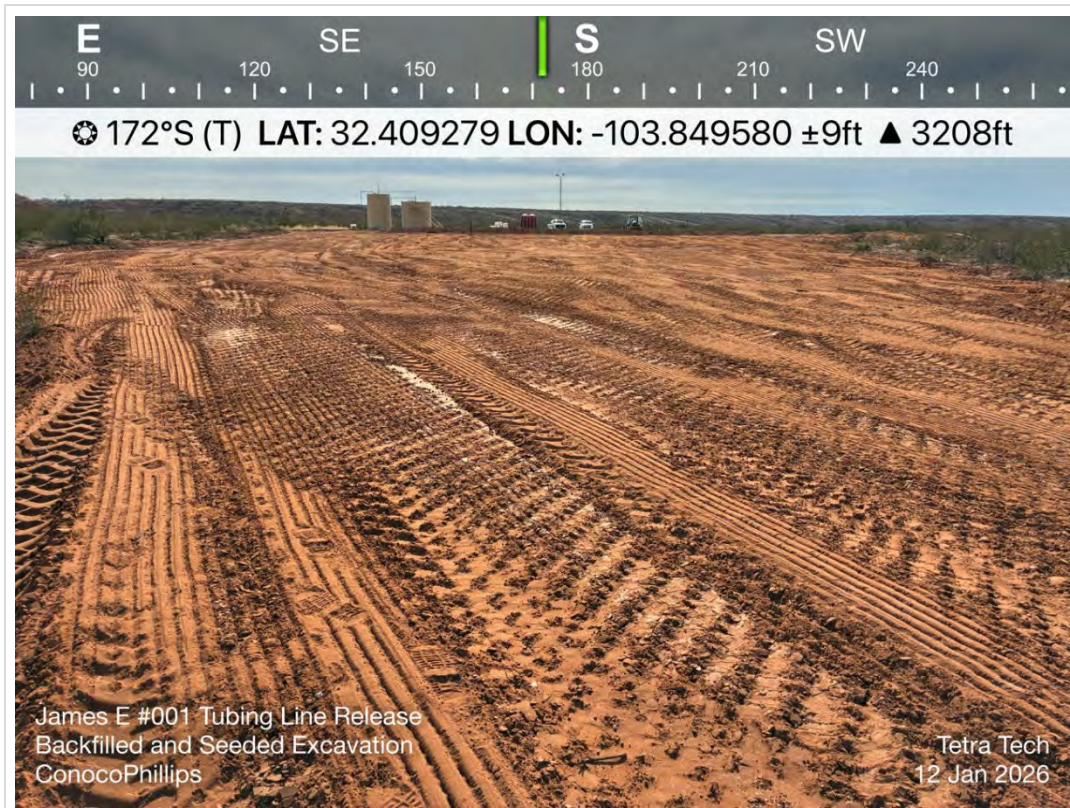
|  |             |   |           |
|--|-------------|---|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View southeast of backfilled and seeded excavation. | 12        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release   | 1/12/2026 |



|  |             |  |           |
|--|-------------|--|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View northwest of backfilled and seeded excavation | 13        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release  | 1/12/2026 |



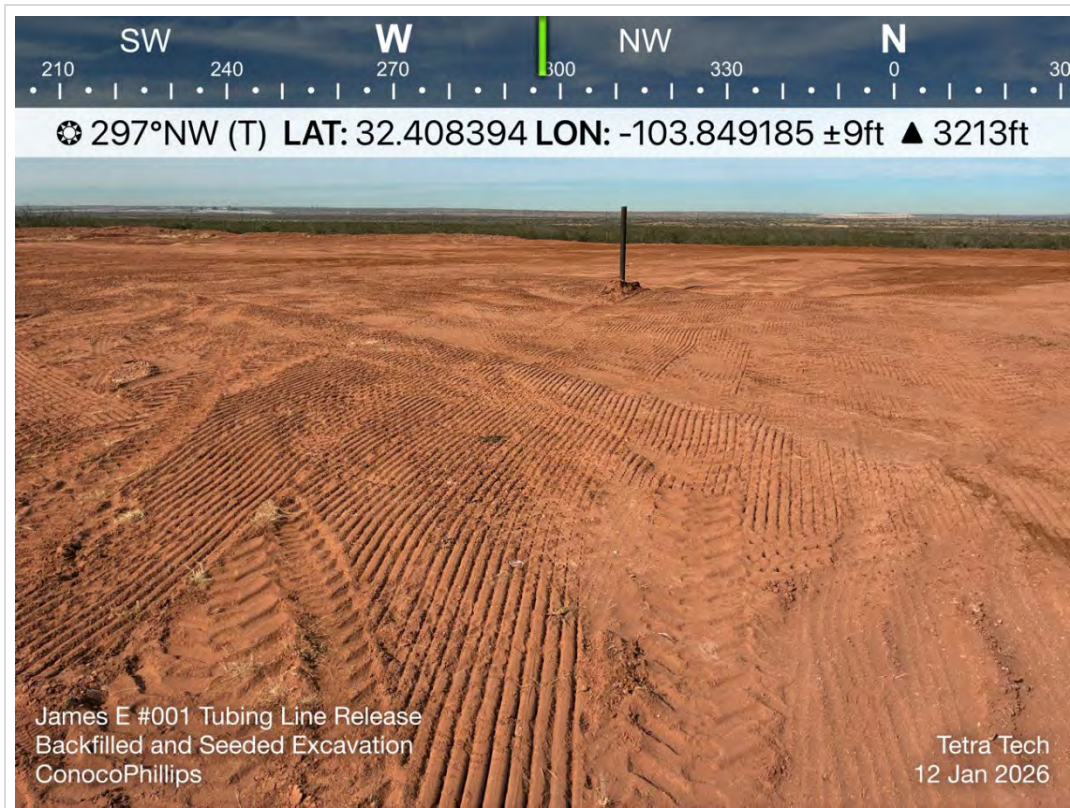
|  |             |  |           |
|--|-------------|--|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | Southwestern view of backfilled and seeded excavation. | 14        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release      | 1/12/2026 |



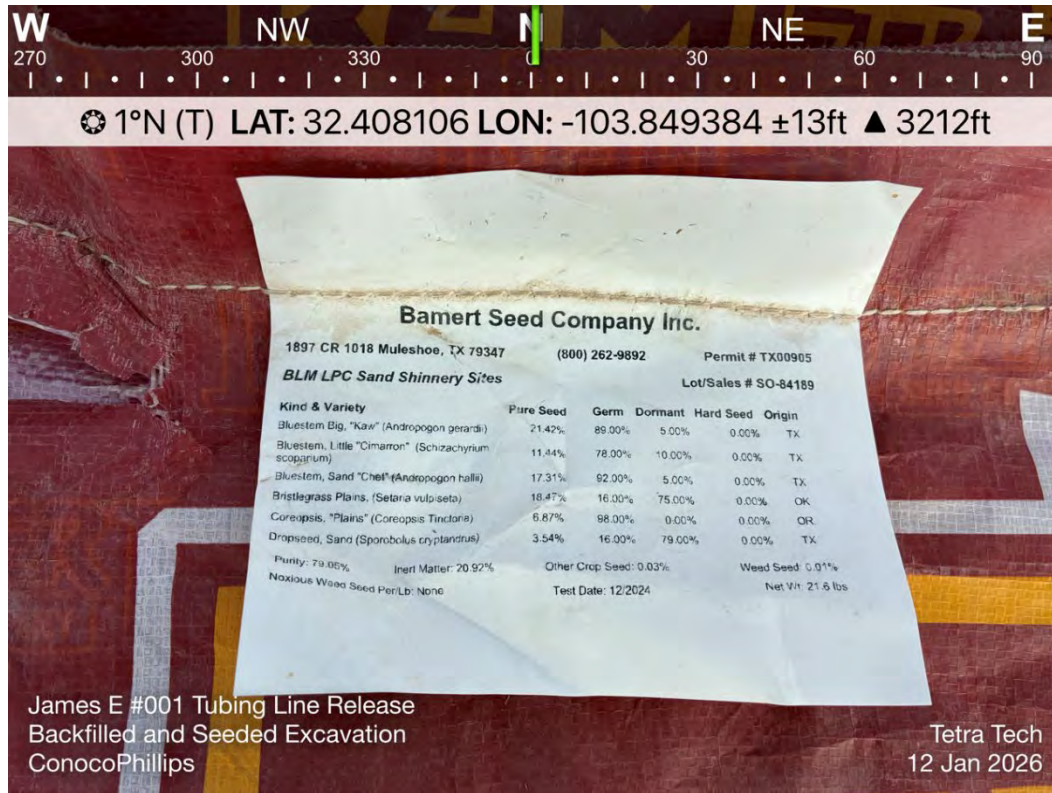
|  |             |   |           |
|--|-------------|---|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View south of backfilled and seeded excavation.   | 15        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release | 1/12/2026 |



|  |             |  |           |
|--|-------------|--|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | Southern view of backfilled and seeded excavation. | 16        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release  | 1/12/2026 |



|  |             |  |           |
|--|-------------|--|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | View northwest of backfilled and seeded excavation | 17        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release  | 1/12/2026 |



|  |             |   |           |
|--|-------------|---|-----------|
| TETRA TECH, INC.<br>PROJECT NO.<br>212C-MD-02413 | DESCRIPTION | BLM LPC Sand Shinnery seed.                       | 18        |
|  | SITE NAME   | ConocoPhillips - James E #001 Tubing Line Release | 1/12/2026 |

# **APPENDIX G**

## **Waste Manifests**



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: HW-858351  
Manif. Date: 1/5/2026  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck #: M35  
Card #  
Job Ref # 2101

Ticket #: 700-1819713  
Bid #: O6UJ9A000LDK  
Date: 1/5/2026  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 20996  
Well Name: JAMES E  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Permian Basin

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

15.00 yards

Generator Certification Statement of Waste Status

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-851627  
 Manif. Date: 1/5/2026  
 Hauler: DOUBLE O TRUCKING  
 Driver: OMAR  
 Truck #: 02  
 Card #  
 Job Ref #: 02

Ticket #: 700-1819714  
 Bid #: O6UJ9A000LDK  
 Date: 1/5/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 12.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876381  
 Manif. Date: 1/5/2026  
 Hauler: MCNABB PARTNERS  
 Driver: VICTOR  
 Truck #: M35  
 Card #  
 Job Ref #: 04

Ticket #: 700-1819767  
 Bid #: O6UJ9A000LDK  
 Date: 1/5/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: ORION 10  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 15.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-858349  
 Manif. Date: 1/5/2026  
 Hauler: TRIPLE R TRUCKING  
 Driver: SERGIO  
 Truck #: D-1  
 Card #  
 Job Ref #

Ticket #: 700-1819715  
 Bid #: O6UJ9A000LDK  
 Date: 1/5/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 15.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876380  
 Manif. Date: 1/5/2026  
 Hauler: MCNABB PARTNERS  
 Driver: VICTOR  
 Truck #: M35  
 Card #  
 Job Ref #: 07

Ticket #: 700-1819845  
 Bid #: O6UJ9A000LDK  
 Date: 1/5/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

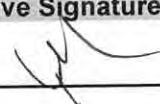
Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 15.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

| Driver/ Agent Signature | R360 Representative Signature   |
|-------------------------|---|
| _____                   | _____  |

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-851629  
 Manif. Date: 1/5/2026  
 Hauler: DOUBLE O TRUCKING  
 Driver: OMAR  
 Truck # 02  
 Card #  
 Job Ref #

Ticket #: 700-1819848  
 Bid #: O6UJ9A000LDK  
 Date: 1/5/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 12.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876401  
 Manif. Date: 1/5/2026  
 Hauler: MCNABB PARTNERS  
 Driver: ANDREW  
 Truck # 1  
 Card #  
 Job Ref #

Ticket #: 700-1819850  
 Bid #: O6UJ9A000LDK  
 Date: 1/5/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 15.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: HW-858350  
Manif. Date: 1/6/2026  
Hauler: TRIPLE R TRUCKING  
Driver: SERGIO  
Truck #: D-1  
Card #  
Job Ref #: 10

Ticket #: 700-1820130  
Bid #: O6UJ9A000LDK  
Date: 1/6/2026  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 20996  
Well Name: JAMES E  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

\_\_\_\_\_

\_\_\_\_\_ 

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876379  
 Manif. Date: 1/6/2026  
 Hauler: MCNABB PARTNERS  
 Driver: VICTOR  
 Truck #: 35  
 Card #  
 Job Ref #

Ticket #: 700-1820127  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units                      |
|---------------------------------|-------------------------------------|
| Contaminated Soil (RCRA Exempt) | <del>15.00</del> yards<br>13.00 yds |

**Generator Certification Statement of Waste Status**

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:

RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-868295  
 Manif. Date: 1/6/2026  
 Hauler: NOEL & SON LLC  
 Driver: FRANCISCO  
 Truck #: 3  
 Card #  
 Job Ref #: 12

Ticket #: 700-1820156  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 10.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: HW-789495  
Manif. Date: 1/6/2026  
Hauler: JTR TRUCKING LLC  
Driver: JOSE  
Truck #: 09  
Card #  
Job Ref #: 13

Ticket #: 700-1820155 Page 294 of 352  
Bid #: O6UJ9A000LDK  
Date: 1/6/2026  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 20996  
Well Name: JAMES E  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 10.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-851630  
 Manif. Date: 1/6/2026  
 Hauler: MCNABB PARTNERS  
 Driver: OMAR  
 Truck #: 02  
 Card #  
 Job Ref #: 14

Ticket #: 700-1820145  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 12.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876378  
 Manif. Date: 1/6/2026  
 Hauler: MCNABB PARTNERS  
 Driver: VICTOR  
 Truck # M-35  
 Card #  
 Job Ref #

Ticket #: 700-1820176  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-880914  
 Manif. Date: 1/6/2026  
 Hauler: TRIPLE R TRUCKING  
 Driver: SERGIO  
 Truck #: 1  
 Card #  
 Job Ref #: 16

Ticket #: 700-1820179  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-851631  
 Manif. Date: 1/6/2026  
 Hauler: DOUBLE O TRUCKING  
 Driver: OMAR  
 Truck #: 02  
 Card #  
 Job Ref #

Ticket #: 700-1820193  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 12.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

\_\_\_\_\_

\_\_\_\_\_

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-868293  
 Manif. Date: 1/6/2026  
 Hauler: NOEL & SON LLC  
 Driver: FRANCISCO  
 Truck #: 3  
 Card #  
 Job Ref #

Ticket #: 700-1820217  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876407  
 Manif. Date: 1/5/2026  
 Hauler: TRIPLE R TRUCKING  
 Driver: SERGIO  
 Truck #: 01  
 Card #  
 Job Ref #

Ticket #: 700-1819967  
 Bid #: O6UJ9A000LDK  
 Date: 1/5/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 15.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

\_\_\_\_\_

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-851632  
 Manif. Date: 1/6/2026  
 Hauler: DOUBLE O TRUCKING  
 Driver: OMAR  
 Truck #: 02  
 Card #  
 Job Ref #: 22

Ticket #: 700-1820258  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 12.00 yards    |

**Generator Certification Statement of Waste Status**

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:

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- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #: \_\_\_\_\_  
 PO #: \_\_\_\_\_  
 Manifest #: HW-789497  
 Manif. Date: 1/6/2026  
 Hauler: JTR TRUCKING LLC  
 Driver: JOSE  
 Truck #: 09  
 Card #: \_\_\_\_\_  
 Job Ref #: \_\_\_\_\_

Ticket #: 700-1820284  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field: \_\_\_\_\_  
 Field #: \_\_\_\_\_  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

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- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876376  
 Manif. Date: 1/6/2026  
 Hauler: MCNABB PARTNERS  
 Driver: VICTOR  
 Truck #: V-35  
 Card #  
 Job Ref #: 25

Ticket #: 700-1820313  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 13.00 yards    |

**Generator Certification Statement of Waste Status**

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:

RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information  RCRA Hazardous Waste Analysis  Process Knowledge  Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-851633  
 Manif. Date: 1/6/2026  
 Hauler: DOUBLE O TRUCKING  
 Driver: OMAR  
 Truck #: 02  
 Card #  
 Job Ref #

Ticket #: 700-1820330  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 12.00    | yards |

**Generator Certification Statement of Waste Status**

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:

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- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAN WIDMER  
AFE #:  
PO #:  
Manifest #: HW-880913  
Manif. Date: 1/6/2026  
Hauler: TRIPLE R TRUCKING  
Driver: SERGIO  
Truck #: D-01  
Card #  
Job Ref #: 27

Ticket #: 700-1820331  
Bid #: O6UJ9A000LDK  
Date: 1/6/2026  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 20996  
Well Name: JAMES E  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

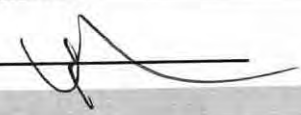
Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:  
 RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste  
 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):  
 MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

| Driver/ Agent Signature | R360 Representative Signature  |
|-------------------------|--|
| _____                   | _____  |
| Customer Approval       |  |

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-868294  
 Manif. Date: 1/6/2026  
 Hauler: NOEL & SON LLC  
 Driver: FRANCISCO  
 Truck #: 3  
 Card #  
 Job Ref #: 28

Ticket #: 700-1820350  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 13.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-789498  
 Manif. Date: 1/6/2026  
 Hauler: JTR TRUCKING LLC  
 Driver: JOSE  
 Truck #: 09  
 Card #  
 Job Ref #: 29

Ticket #: 700-1820368  
 Bid #: O6UJ9A000LDK  
 Date: 1/6/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: HW-876375  
Manif. Date: 1/7/2026  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck # M-35  
Card #  
Job Ref # 29

Ticket #: 700-1820608  
Bid #: O6UJ9A000LDK  
Date: 1/7/2026  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 20996  
Well Name: JAMES E  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Permian Basin


Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

|                                |   |
|--------------------------------|---|
| <b>Driver/ Agent Signature</b> | <b>R360 Representative Signature</b>  |
| _____                          | _____  |

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: HW-880917  
Manif. Date: 1/7/2026  
Hauler: MCNABB PARTNERS  
Driver: GUMER  
Truck #: M-30  
Card #  
Job Ref #: 30

Ticket #: 700-1820607  
Bid #: O6UJ9A000LDK  
Date: 1/7/2026  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 20996  
Well Name: JAMES E  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

*Gumer Rdz*

*Call*

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: HW-876089  
Manif. Date: 1/7/2026  
Hauler: MCNABB PARTNERS  
Driver: RUBEN  
Truck #: M-33  
Card #  
Job Ref #: 31

Ticket #: 700-1820609  
Bid #: O6UJ9A000LDK  
Date: 1/7/2026  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 20996  
Well Name: JAMES E  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-881308  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: ALBARO  
 Truck #: M-31  
 Card #  
 Job Ref #: 32

Ticket #: 700-1820618  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 16.00    | yards |

**Generator Certification Statement of Waste Status**

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:

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

*Albaro* \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876374  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: VICTOR  
 Truck #: M-35  
 Card #  
 Job Ref #: 33

Ticket #: 700-1820663  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 13.00 yards    |

**Generator Certification Statement of Waste Status**

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:

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-880918  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: GUMER  
 Truck #: M30  
 Card #  
 Job Ref #

Ticket #: 700-1820667  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 16.00    | yards |

**Generator Certification Statement of Waste Status**

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:

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- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

*Gumer Rdz*

*[Signature]*

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-881309  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: ALBARO  
 Truck #: M-31  
 Card #  
 Job Ref #: 36

Ticket #: 700-1820678  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 16.00    | yards |

**Generator Certification Statement of Waste Status**

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:

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

| Driver/ Agent Signature | R360 Representative Signature |
|-------------------------|-------------------------------|
|                         |                               |

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876373  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: VICTOR  
 Truck #: M35  
 Card #  
 Job Ref #

Ticket #: 700-1820723  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

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  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-872392  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: RUBEN  
 Truck #: M33  
 Card #  
 Job Ref #: 38

Ticket #: 700-1820717  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 13.00 yards    |

**Generator Certification Statement of Waste Status**

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  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-880919  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: GUMER  
 Truck # M-30  
 Card #  
 Job Ref # 39

Ticket #: 700-1820722  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 16.00    | yards |

**Generator Certification Statement of Waste Status**

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| Driver/ Agent Signature | R360 Representative Signature |
|-------------------------|-------------------------------|
|                         |                               |
| Customer Approval       |                               |

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-881310  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: ALBARO  
 Truck #: M31  
 Card #  
 Job Ref #

Ticket #: 700-1820727  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 16.00 yards    |

**Generator Certification Statement of Waste Status**

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  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-872393  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: RUBEN  
 Truck #: M33  
 Card #  
 Job Ref #: 41

Ticket #: 700-1820804  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-880920  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: GUMER  
 Truck #: M-30  
 Card #  
 Job Ref #: 42

Ticket #: 700-1820805  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 16.00    | yards |

**Generator Certification Statement of Waste Status**

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

| Driver/ Agent Signature | R360 Representative Signature |
|-------------------------|-------------------------------|
|                         |                               |

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-881011  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: ALBARO  
 Truck #: M31  
 Card #  
 Job Ref #

Ticket #: 700-1820812  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin


Facility: CRI

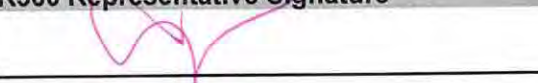
| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 16.00 yards    |

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature**  


**R360 Representative Signature**  


Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHII LIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: HW-876372  
Manif. Date: 1/7/2026  
Hauler: MCNABB PARTNERS  
Driver: VICTOR  
Truck #: M35  
Card #  
Job Ref #: 44

Ticket #: 700-1820820  
Bid #: O6UJ9A000LDK  
Date: 1/7/2026  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 20996  
Well Name: JAMES E  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 13.00 yards    |

**Generator Certification Statement of Waste Status**

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:

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- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-877717  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: RUBEN  
 Truck #: M33  
 Card #  
 Job Ref #: 45

Ticket #: 700-1820868  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 13.00    | yards |

**Generator Certification Statement of Waste Status**

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:

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-880921  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: GUMER  
 Truck #: M-30  
 Card #  
 Job Ref #: 46

Ticket #: 700-1820878  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 16.00    | yards |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

| Driver/ Agent Signature | R360 Representative Signature |
|-------------------------|-------------------------------|
|                         |                               |
| Customer Approval       |                               |

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-881012  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: ALBARO  
 Truck #: M-31  
 Card #  
 Job Ref #: 47

Ticket #: 700-1820879  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 16.00    | yards |

**Generator Certification Statement of Waste Status**

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:

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature**

**R360 Representative Signature**

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876371  
 Manif. Date: 1/7/2026  
 Hauler: MCNABB PARTNERS  
 Driver: VICTOR  
 Truck #: M35  
 Card #  
 Job Ref #: 48

Ticket #: 700-1820883  
 Bid #: O6UJ9A000LDK  
 Date: 1/7/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 13.00 yards    |

**Generator Certification Statement of Waste Status**

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  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-877976  
 Manif. Date: 1/8/2026  
 Hauler: RED RIDGE TOP SOIL LLC  
 Driver: KEVIN  
 Truck #: T-01  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821295  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 18.00    | yards |

**Generator Certification Statement of Waste Status**

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- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-870951  
 Manif. Date: 1/8/2026  
 Hauler: TWO NATIONS  
 Driver: RAFAEL  
 Truck #: 01  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821443  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 18.00    | yards |

**Generator Certification Statement of Waste Status**

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:

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-881014  
 Manif. Date: 1/8/2026  
 Hauler: MCNABB PARTNERS  
 Driver: ALBARO  
 Truck #: M-30  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821438  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 16.00 yards    |

**Generator Certification Statement of Waste Status**

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature**

**R360 Representative Signature**

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-881013  
 Manif. Date: 1/8/2026  
 Hauler: MCNABB PARTNERS  
 Driver: ALBARO  
 Truck #: M30  
 Card #  
 Job Ref #

Ticket #: 700-1821309  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 16.00 yards    |

**Generator Certification Statement of Waste Status**

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:

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- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
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  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature**

**R360 Representative Signature**

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-877718  
 Manif. Date: 1/8/2026  
 Hauler: MCNABB PARTNERS  
 Driver: RUBEN  
 Truck #: M33  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821418  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 13.00 yards    |

**Generator Certification Statement of Waste Status**

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

\_\_\_\_\_  
 Driver/ Agent Signature

\_\_\_\_\_  
 R360 Representative Signature

\_\_\_\_\_  
 Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-876370  
 Manif. Date: 1/8/2026  
 Hauler: MCNABB PARTNERS  
 Driver: VICTOR  
 Truck #: M-33  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821428  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI


| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 13.00 yards    |

**Generator Certification Statement of Waste Status**

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_ 

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-853532  
 Manif. Date: 1/8/2026  
 Hauler: MCNABB PARTNERS  
 Driver: GUMER  
 Truck #: M90  
 Card #  
 Job Ref #

Ticket #: 700-1821439  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** **R360 Representative Signature**

Gumer Rdz

[Signature]

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-880922  
 Manif. Date: 1/8/2026  
 Hauler: MCNABB PARTNERS LLC  
 Driver: GUMER  
 Truck #: M30  
 Card #  
 Job Ref #

Ticket #: 700-1821294  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

*Gumer Rdz*

*[Handwritten Signature]*

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-878240  
 Manif. Date: 1/8/2026  
 Hauler: TWO NATIONS  
 Driver: RAFAEL  
 Truck #: 01  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821272  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: SAM WIDMER  
AFE #:  
PO #:  
Manifest #: HW-878511  
Manif. Date: 1/8/2026  
Hauler: TWO NATIONS  
Driver: HUGO  
Truck # 01  
Card #  
Job Ref #

Ticket #: 700-1821264  
Bid #: O6UJ9A000LDK  
Date: 1/8/2026  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 20996  
Well Name: JAMES E  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity | Units |
|---------------------------------|----------|-------|
| Contaminated Soil (RCRA Exempt) | 18.00    | yards |

**Generator Certification Statement of Waste Status**

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  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-878247  
 Manif. Date: 1/8/2026  
 Hauler: MCNABB PARTNERS  
 Driver: HUGO  
 Truck #: 01  
 Card #  
 Job Ref #

Ticket #: 700-1821446  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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:

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

\_\_\_\_\_  
 Driver/ Agent Signature

\_\_\_\_\_  
 R360 Representative Signature

\_\_\_\_\_  
 Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-849988  
 Manif. Date: 1/8/2026  
 Hauler: RED RIDGE TOP SOIL LLC  
 Driver: KEVIN  
 Truck #: T-01  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821223  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

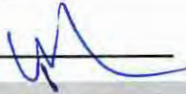
| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_ 

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAMI WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-877978  
 Manif. Date: 1/8/2026  
 Hauler: RED RIDGE TOP SOIL LLC  
 Driver: KEVIN  
 Truck #: T-01  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821448  
 Bid #: O6UJ9A000LDK  
 Date: 1/8/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW GARCIA  
 AFE #:  
 PO #:  
 Manifest #: HW-865991  
 Manif. Date: 1/9/2026  
 Hauler: MP ENERGY LLC  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1821678  
 Bid #: O6UJ9A000LLX  
 Date: 1/9/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service                   | Quantity Units |
|-------------------------------------|----------------|
| Contaminated Soil (RCRA Non-Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- 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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-853534  
 Manif. Date: 1/9/2026  
 Hauler: MCNABB PARTNERS  
 Driver: GUMER  
 Truck #: M90  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821676  
 Bid #: O6UJ9A000LDK  
 Date: 1/9/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI


| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

*Gumer Relz* \_\_\_\_\_  \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: SAM WIDMER  
 AFE #:  
 PO #:  
 Manifest #: HW-864049  
 Manif. Date: 1/9/2026  
 Hauler: MCNABB PARTNERS  
 Driver: MANUEL  
 Truck #: M91  
 Card #  
 Job Ref #: 50

Ticket #: 700-1821688  
 Bid #: O6UJ9A000LDK  
 Date: 1/9/2026  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 20996  
 Well Name: JAMES E  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

| Product / Service               | Quantity Units |
|---------------------------------|----------------|
| Contaminated Soil (RCRA Exempt) | 18.00 yards    |

**Generator Certification Statement of Waste Status**

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:

RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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 in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

*Manuel Lopez* \_\_\_\_\_

**Customer Approval**

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Approved By: \_\_\_\_\_

Date: \_\_\_\_\_

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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

Action 558293

**QUESTIONS**

|  |  |
|--|--|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817   |
|  | Action Number:<br>558293   |
|  | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|                      |   |
|----------------------|---|
| <b>Prerequisites</b> |   |
| Incident ID (n#)     | nRM2007952227                             |
| Incident Name        | NRM2007952227 JAMES # #001 @ 30-015-20996 |
| Incident Type        | Release Other                             |
| Incident Status      | Reclamation Report Received               |
| Incident Well        | [30-015-20996] JAMES E #001               |

|   |              |
|---|--------------|
| <b>Location of Release Source</b>                     |              |
| <i>Please answer all the questions in this group.</i> |              |
| Site Name   | JAMES # #001 |
| Date Release Discovered                               | 03/16/2020   |
| Surface Owner   | Federal      |

|  |               |
|--|---------------|
| <b>Incident Details</b>  |               |
| <i>Please answer all the questions in this group.</i>  |               |
| Incident Type  | Release Other |
| 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            |

|   |   |
|---|---|
| <b>Nature and Volume of Release</b>   |   |
| <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   | Cause: Corrosion   Valve   Crude Oil   Released: 2 BBL   Recovered: 0 BBL   Lost: 2 BBL.      |
| Produced Water Released (bbls) Details  | Cause: Corrosion   Valve   Produced Water   Released: 7 BBL   Recovered: 0 BBL   Lost: 7 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l   | Yes   |
| Condensate Released (bbls) Details  | Not answered.   |
| Natural Gas Vented (Mcf) Details  | Not answered.   |
| Natural Gas Flared (Mcf) Details  | Not answered.   |
| Other Released Details  | Not answered.   |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)  | Not answered.   |

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QUESTIONS, Page 2

Action 558293

**QUESTIONS (continued)**

|  |  |
|--|--|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817   |
|  | Action Number:<br>558293   |
|  | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|   |  |
|---|--|
| <b>Nature and Volume of Release (continued)</b>   |  |
| Is this a gas only submission (i.e. only significant Mcf values reported)               | <b>No, according to supplied volumes this does not appear to be a "gas only" report.</b> |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC                  | <b>No</b>  |
| Reasons why this would be considered a submission for a notification of a major release | <i>Unavailable.</i>  |

*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   | <b>True</b>          |
| The impacted area has been secured to protect human health and the environment                                     | <b>True</b>          |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | <b>True</b>          |
| All free liquids and recoverable materials have been removed and managed appropriately                             | <b>True</b>          |
| If all the actions described above have not been undertaken, explain why   | <i>Not answered.</i> |

*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: Ryan Dickerson<br>Title: Project Manager<br>Email: ryan.dickerson@tetratech.com<br>Date: 02/26/2026 |
|--|---|

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QUESTIONS, Page 3

Action 558293

**QUESTIONS (continued)**

|  |  |
|--|--|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817   |
|  | Action Number:<br>558293   |
|  | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

|  |                            |
|--|----------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.)  |
| What method was used to determine the depth to ground water  | Direct Measurement         |
| Did this release impact groundwater or surface water   | No                         |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>   |                            |
| A continuously flowing watercourse or any other significant watercourse  | Between 500 and 1000 (ft.) |
| 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 1 and 5 (mi.)      |
| A subsurface mine  | Greater than 5 (mi.)       |
| An (non-karst) unstable area   | Greater than 5 (mi.)       |
| Categorize the risk of this well / site being in a karst geology   | None                       |
| A 100-year floodplain  | Greater than 5 (mi.)       |
| Did the release impact areas not on an exploration, development, production, or storage site                               | No                         |

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

|  |     |
|--|-----|
| Requesting a remediation plan approval with this submission  | Yes |
| <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)         | 12800 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 3170  |
| GRO+DRO (EPA SW-846 Method 8015M)           | 2490  |
| BTEX (EPA SW-846 Method 8021B or 8260B)     | 0     |
| Benzene (EPA SW-846 Method 8021B or 8260B)  | 0     |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

|   |            |
|---|------------|
| On what estimated date will the remediation commence                        | 10/02/2025 |
| On what date will (or did) the final sampling or liner inspection occur     | 10/12/2025 |
| On what date will (or was) the remediation complete(d)                      | 10/11/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed  | 7400       |
| What is the estimated volume (in cubic yards) that will be reclaimed        | 880        |
| What is the estimated surface area (in square feet) that will be remediated | 7400       |
| What is the estimated volume (in cubic yards) that will be remediated       | 880        |

*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.*

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 558293

**QUESTIONS (continued)**

|  |  |
|--|--|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817   |
|  | Action Number:<br>558293   |
|  | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

**Remediation Plan (continued)**

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.

**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 <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.) | Yes  |
| Which OCD approved facility will be used for <b>off-site</b> disposal                 | fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL |
| <b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal     | Not answered.                                |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state              | No   |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility          | No   |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)         | No   |
| (In Situ) Soil Vapor Extraction   | No   |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)     | No   |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                    | No   |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)              | No   |
| Ground Water Abatement pursuant to 19.15.30 NMAC                                      | No   |
| OTHER (Non-listed remedial process)   | No   |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

|  |  |
|--|--|
| I hereby agree and sign off to the above statement | Name: Ryan Dickerson<br>Title: Project Manager<br>Email: ryan.dickerson@tetrattech.com<br>Date: 02/26/2026 |
|--|--|

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 558293

**QUESTIONS (continued)**

|  |  |
|--|--|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817   |
|  | Action Number:<br>558293   |
|  | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|   |    |
|---|----|
| <b>Deferral Requests Only</b>   |    |
| <i>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.</i> |    |
| Requesting a deferral of the remediation closure due date with the approval of this submission  | No |

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QUESTIONS, Page 6

Action 558293

**QUESTIONS (continued)**

|  |  |
|--|--|
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|  | Action Number:<br>558293   |
|  | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

| <b>Sampling Event Information</b>   |                   |
|---|-------------------|
| Last sampling notification (C-141N) recorded  | <b>538693</b>     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | <b>01/06/2026</b> |
| What was the (estimated) number of samples that were to be gathered                             | <b>33</b>         |
| What was the sampling surface area in square feet   | <b>6206</b>       |

**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  | 6206  |
| What was the total volume (cubic yards) remediated   | 878   |
| 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   | 6206  |
| What was the total volume (in cubic yards) reclaimed   | 878   |
| Summarize any additional remediation activities not included by answers (above)  | Based on the soils of the site, the seed mixture for LPC Sand/Shinnery Sites was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. Site inspections will be performed annually to assess the revegetation process and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. |

*The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

|  |  |
|--|--|
| I hereby agree and sign off to the above statement | Name: Ryan Dickerson<br>Title: Project Manager<br>Email: ryan.dickerson@tetrattech.com<br>Date: 02/26/2026 |
|--|--|

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, Page 7

Action 558293

**QUESTIONS (continued)**

|  |  |
|--|--|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817   |
|  | Action Number:<br>558293   |
|  | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

**Reclamation Report**

*Only answer the questions in this group if all reclamation steps have been completed.*

|  |      |
|--|------|
| Requesting a reclamation approval with this submission                           | Yes  |
| What was the total reclamation surface area (in square feet) for this site       | 6206 |
| What was the total volume of replacement material (in cubic yards) for this site | 878  |

*Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a 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.*

|  |            |
|--|------------|
| Is the soil top layer complete and is it suitable material to establish vegetation | Yes        |
| On what (estimated) date will (or was) the reseeding commence(d)                   | 01/12/2026 |

|   |  |
|---|--|
| Summarize any additional reclamation activities not included by answers (above) | The backfilled areas in the pasture were seeded following backfilling, to aid in revegetation. Based on the soils of the site, the seed mixture for LPC Sand/Shinnery Sites was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. Site inspections will be performed annually to assess the revegetation process and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. |
|---|--|

*The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

|  |  |
|--|--|
| I hereby agree and sign off to the above statement | Name: Ryan Dickerson<br>Title: Project Manager<br>Email: ryan.dickerson@tetrattech.com<br>Date: 02/26/2026 |
|--|--|

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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 8

Action 558293

**QUESTIONS (continued)**

|  |  |
|--|--|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817   |
|  | Action Number:<br>558293   |
|  | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|   |    |
|---|----|
| <b>Revegetation Report</b>  |    |
| <i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>   |    |
| Requesting a restoration complete approval with this submission   | No |
| <i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i> |    |

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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 558293

**CONDITIONS**

|  |  |
|--|--|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817   |
|  | Action Number:<br>558293   |
|  | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**CONDITIONS**

| Created By       | Condition  | Condition Date |
|------------------|--|----------------|
| michael.buchanan | Remediation closure report is approved. Please be advised that effective as of December 2024, karst surveys required for all releases in medium, high or critical karst, must include: 1. Desktop survey (a) Desktop survey needs to include an (approx. 1,000 feet) buffer around the horizontal delineation of the release. 2. Aerial/pedestrian karst survey (a) Aerial/pedestrian karst survey needs to include (approx. 656 feet) buffer will need to be performed. 3. Geophysical survey (a) Geophysical survey of the area within the 200-foot boundary of the location of the release (horizontal delineation) will need to be performed. If any anomalies than can be interpreted as karst features are located, the most stringent closure criteria apply until these anomalies are field verified through geotechnical methods. (e.g. excavation or drilling).  | 3/11/2026      |
| michael.buchanan | 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. | 3/11/2026      |
| michael.buchanan | 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.  | 3/11/2026      |
| michael.buchanan | All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.   | 3/11/2026      |
| michael.buchanan | A revegetation report will not be accepted until revegetation 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.  | 3/11/2026      |
| michael.buchanan | Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.   | 3/11/2026      |