



January 31, 2024

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

**Re: Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Unit Letter P, Section 27, Township 17 South, Range 35 East
Lea County, New Mexico
Incident ID# nPAC0801030962**

Dear Sir or Madam,

Tetra Tech, Inc. (Tetra Tech) was initially contacted by ConocoPhillips (COP) to assess a release that occurred from the East Vacuum Grayburg-San Andres Unit (EVGSAU) 2717-006 wellhead stuffing box (API No. 30-025-20835). The release footprint is located in Public Land Survey System (PLSS) Unit Letter P, Section 27, Township 17 South, Range 35 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.801293°, -103.439733°, as shown in **Figure 1** and **Figure 2**. In June of 2022, Maverick Permian LLC acquired this site from COP and has performed the remediation in accordance with the approved Work Plan submitted and approved by NMOCD on March 17, 2023.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), a release occurred on December 23, 2007, due to a stuffing box leak. The release consisted of 5 barrels (bbls) of oil and 21 bbls of produced water and reportedly affected a 110-foot (ft) by 250-ft area of pad and pasture. During immediate response actions a vacuum truck recovered 1 bbl of oil and 21 bbls of produced water. The New Mexico Oil Conservation District (NMOCD) received the C-141 report form for the release on January 3, 2008. The release was subsequently assigned Remediation Permit (RP) number 1RP-1694 and the Incident ID nPAC0801030962. The 1RP-1694 release is included in an Agreed Compliance Order-Releases (ACO-R) between COP and the NMOCD signed on May 7 and 9, 2019, respectively. The release extent is shown in **Figure 3** and the initial C-141 Release Notification form is included in **Attachment 1**.

SITE CHARACTERIZATION

Receptors

Tetra Tech performed a site characterization and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of low karst potential. Refer to **Attachment 2**.

Soils

The USDA NCRS Soil Map and soil profile are provided in **Attachment 2**. The soil is classified as Kimbrough gravelly loam, dry, 0 to 3 percent slopes.

Tetra Tech, Inc.

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Depth to Groundwater

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are seven (7) water wells within an 800-meters radius (approximately ½ mile) of the Site. The average depth to groundwater is 70 ft below ground surface (bgs). Site characterization data are included in **Attachment 2**.

REGULATORY FRAMEWORK

Based upon the release footprint location and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chloride in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site for groundwater between 51 and 100 feet bgs are as follows:

Closure Criteria for Soils Impacted by a Release

| Constituent | Remediation RRAL |
|-------------------|------------------|
| Chloride | 10,000 mg/kg |
| TPH (GRO+DRO+ORO) | 2,500 mg/kg |
| TPH (DRO+ORO) | 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), the following reclamation requirements for surface soils (0-4 feet bgs) outside of active oil and gas operations are as follows:

Reclamation Requirements

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

INITIAL RESPONSE ACTIVITIES

The release was discovered coming from a stuffing box. The spill affected an area of approximately 110 feet by 250 feet of pad and adjacent open pastureland. The leak resulted in a release of 5 barrels (bbls) of oil, and 21 bbls of produced water, of which 1 bbl of oil and 9 bbls of produced water were recovered using a vacuum truck.

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SITE ASSESSMENT SUMMARY

Given the age of the release, COP requested that eTech Environmental & Safety Solutions (eTech) conduct soil screening associated with the release area on September 9, 2019, to attempt the initial delineation. A Site diagram prepared by eTech presents their screening locations and associated soil screening results (see **Attachment 2**). The soil screening results revealed high salinity concentrations (interpreted to reflect chloride impact) in six locations (SP-2 through SP-5 and SP-8 through SP-9), all located within impacted areas on the caliche well pad and unvegetated areas due south of the well pad.

Tetra Tech personnel were on site on behalf of ConocoPhillips in November 2020 and January 2021 to conduct soil sampling to achieve vertical and horizontal delineation of the release extent. Three borings (BH-1 through BH-3) were installed inside the release extent using an air rotary drilling to depths of 20 ft bgs to achieve vertical delineation. Four borings (BH-4 through BH-7) were installed using an air rotary drilling rig to depths of 4 ft bgs along the perimeter of the release to horizontally delineate the release extent to the south, east and north, respectively. Two additional borings (BH-8 and BH-9) were installed further outside the perimeter to depths of 1 ft bgs to complete horizontal delineation to the north and east, respectively. Soils at the Site consist of approximately 1.5 ft of brown silty clay underlain by a caliche cap rock. **Figure 3** depicts the release extent and the November 2020 and January 2021 soil boring locations. GPS coordinates for the boring locations are presented in **Table 1**.

A total of thirty-one samples were collected from the nine borings (BH-1 through BH-9) and submitted to Pace Analytical National Center for Testing & Innovation (Pace) in Nashville, Tennessee to be analyzed for chlorides via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. The results of these soil sampling and analyses are presented in **Table 2**.

ALTERNATIVE CONFIRMATION SAMPLING PLAN

In accordance with 19.15.29.12(D)(1)(b) NMAC, ConocoPhillips requested an alternative confirmation sampling plan in the Release Characterization and Remediation Work Plan. NMOCD approved the Release Characterization and Remediation Work Plan on March 17, 2023, including approval of the variance request to collect confirmation samples for sidewall and base excavation samples to be collected every 500 square feet.

CULTURAL RESOURCES SURVEY

To comply with 1.10.15 NMAC and New Mexico State Land Office (NMSLO) requirements, Tetra Tech contracted SWCA Environmental Consultants to perform a Class III Cultural Resources Survey for the remediation area under New Mexico Cultural Resources Investigation System (NMCRIS) Activity No. 153975. Ms. Alissa Healy of SWCA conducted the survey on September 27, 2023, which included an intensive pedestrian survey of the EVGSAU 2717-006 remediation site and immediate vicinity covering 7.17 acres, which included a 100-ft cultural resources buffer around the location.

No archaeological sites or historic properties were observed during the current investigation. No additional investigation or treatment is recommended regarding the current undertaking. No subsurface cultural materials were encountered during remediation. The cover page from the Class III Cultural Resources Survey is included in **Attachment 3**.

REMEDICATION AND CONFIRMATION SAMPLING

Excavation activities commenced on November 21, 2023, and concluded on December 22, 2023. Maverick's subcontractor, McNabb used heavy equipment to excavate impacted soil from the remediation area to a maximum depth of four feet bgs as shown in **Figure 4**. To avoid potential contact by heavy equipment with pressurized lines within the remediation area, heavy equipment was maintained at a distance of at least 2 feet from pressurized lines where hydro-excavation and hand-digging were employed.

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McNabb excavated a total of 4,096 cubic yards of contaminated soil from an approximately 29,550-square-foot area and transported the soil to R360 for offsite disposal. McNabb sourced 3,768 cubic yards of topsoil from a nearby ranch to backfill the excavated areas.

Tetra Tech notified the NMOCD via email of confirmation sampling via submission of a Notification of Sampling Application (C-141N) on December 14, 2024, via the NMOCD Permitting portal online. Upon reaching the final lateral and vertical excavation extents of the excavation, Tetra Tech collected 100 confirmation samples on an approximate 300 square foot basis, including 65 confirmation floor samples and 35 confirmation side wall samples from the excavated area. Confirmation samples were submitted to Cardinal Laboratory in Hobbs, New Mexico for analysis of BTEX (8021B), chloride (SM4500 CL-B), and TPH (TPH 8015M). Confirmation sampling locations and excavation extents are shown in **Figure 4**.

Between December 13 and December 22, 2023, subsequent to the receipt of confirmation sample results, McNabb completed backfilling of the excavated areas with clean soil. Confirmation sampling laboratory analytical results for shallow soils (less than 4 feet bgs) were screened against Reclamation Requirements. Confirmation sampling laboratory analytical results for deeper soils (greater than 4 feet bgs) were screened against RRALs. The shallow soil results are summarized in **Table 3** and the deeper soil results are summarized in **Table 4**. Laboratory analytical data packages including chain of custody documentation are included in **Attachment 4**. Photographic Documentation showing the excavated areas and final grading after backfilling is provided in **Attachment 5**.

The backfilled areas of impacted pastureland have been graded with topsoil and seeded with New Mexico State Land Office (NMSLO) Loamy (L) Sites Seed Mixture in accordance with the Site soil profile detailed above in the Site Characterization Section, to aid in vegetation growth to complete reclamation. The seed mixture applied to the remediation Site is provided in **Attachment 6**.

VARIANCE REQUEST

Tetra Tech and Maverick understand that failure to notify the NMOCD 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. Tetra Tech failed to notify the NMOCD of sampling 48 hours in advance in accordance with 19.15.29.12.D.(1).(a). Tetra Tech respectfully requests a variance for the failure to notify the NMOCD of sampling in consideration of the significant changes to the NMOCD notification process and changes that were implemented by the NMOCD in early December 2023.

Tetra Tech has reviewed the C-141N notification process and NMOCD *Public Notice Implementation of Digital C-141 and Incident Statuses* document dated December 1, 2023, and has shifted to strictly adhering to the sampling notification requirements of 19.15.29.12.D.(1).(a) NMAC and NMOCD notification guidance.

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CONCLUSION

Based on the results of the confirmation sampling, the impacted soil within the release footprint with chloride concentrations greater than Reclamation Requirements and/or RRALs has been removed and properly disposed of offsite and the excavated area has been backfilled with clean material, graded, and seeded with NMSLO approved seed mixture based on the soil type; therefore, Site remediation is complete. If you have any questions concerning the remediation activities for the Site, please contact Chris Straub by email at chris.straub@tetratech.com or by phone at (832) 251-5180.

Sincerely,



Chris Straub
Project Manager
Tetra Tech, Inc.



Charles H. Terhune IV, P.G.
Program Manager
Tetra Tech, Inc.

cc: Bryce Wagoner, Maverick Permian, LLC
NMSLO

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LIST OF ATTACHMENTS

Figures

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

Tables

- Table 1 – Boring Location Coordinates – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Assessment
- Table 3 – Summary of Shallow Soil Analytical Results – Confirmation Sampling
- Table 4 – Summary of Deep Soil Analytical Results – Confirmation Sampling

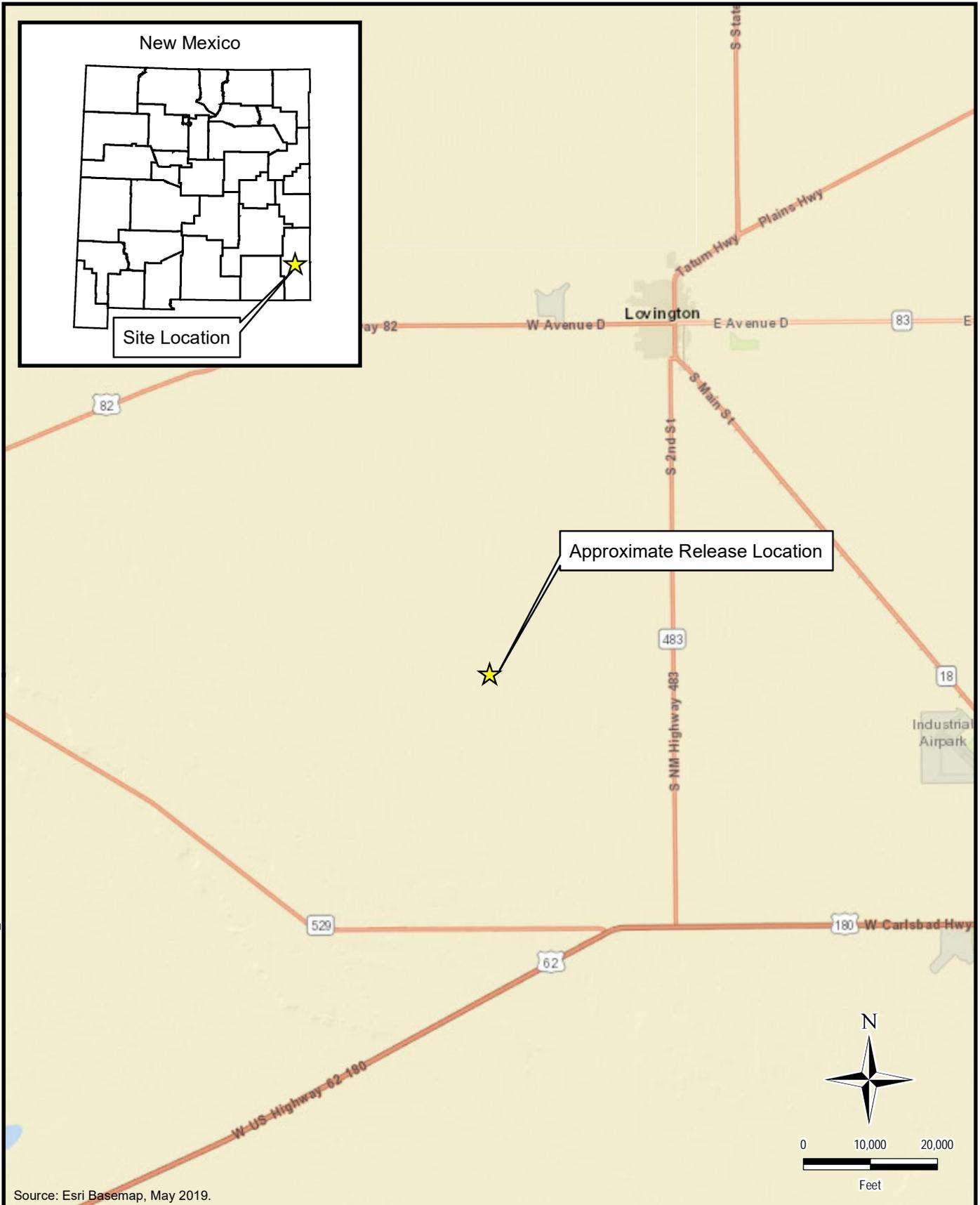
Attachments

- Attachment 1 – C-141 Forms
- Attachment 2 – Site Characterization Data
- Attachment 3 – Cultural Resource Survey Cover Page
- Attachment 4 – Laboratory Analytical Data
- Attachment 5 – Photographic Documentation
- Attachment 6 – Seed Mixture Details

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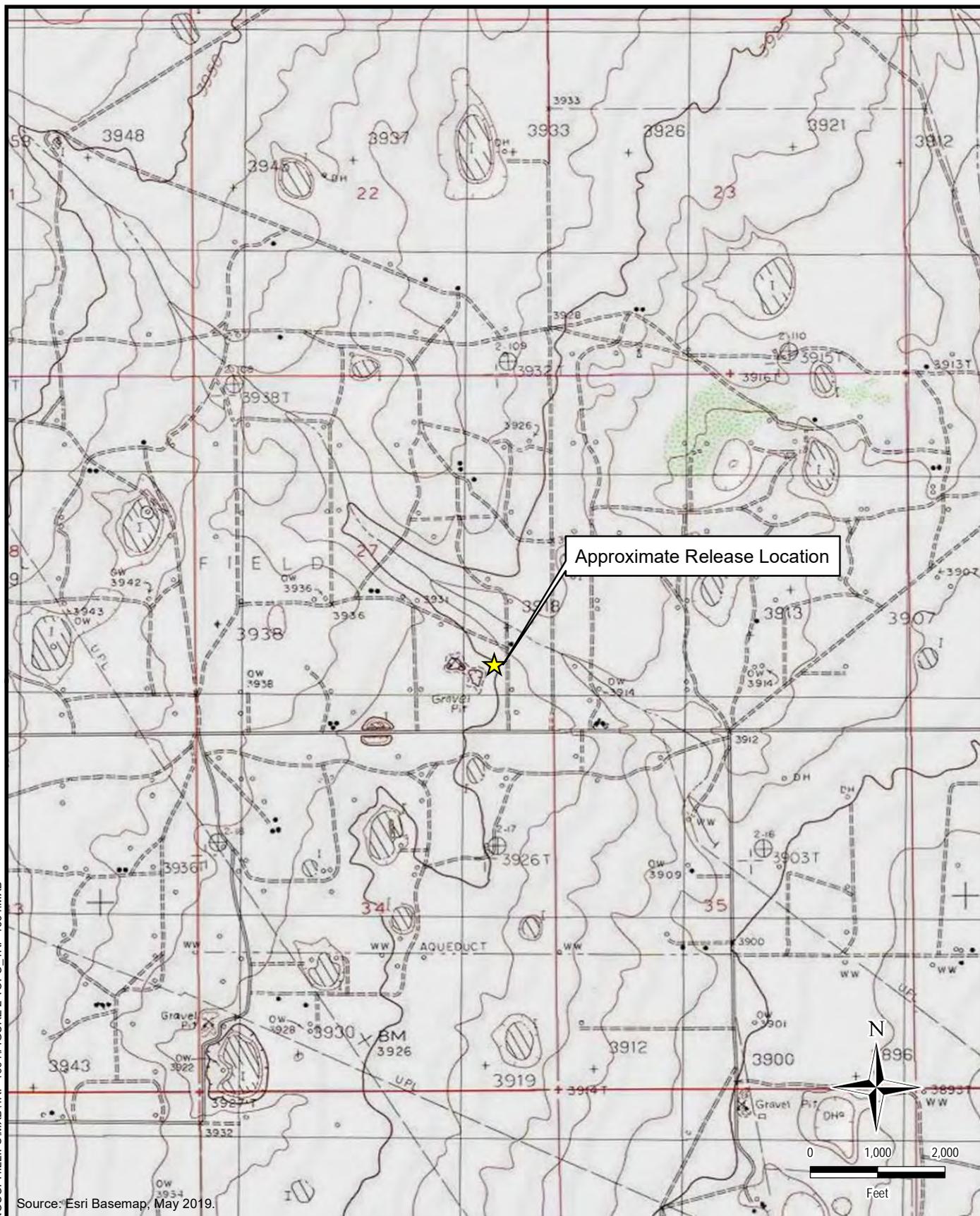
FIGURES



Source: Esri Basemap, May 2019.

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\IRP-1694\FIGURE 1 OVERVIEW_1RP-1694.MXD

| | | |
|---|--|---|
|  <p>www.tetratech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p> | <p>MAVERICK PERMIAN LLC</p> <p>nPAC0801030962 (32.801293°, -103.439733°) LEA COUNTY, NEW MEXICO</p> | <p>PROJECT NO.: 212C-MD-03293</p> |
| | <p>EVGSAU 2717-006 WELLHEAD RELEASE SITE LOCATION MAP</p> | <p>DATE: JANUARY 26, 2024</p> <p>DESIGNED BY: AAM</p> |
| | <p>Figure No. 1</p> | |



Source: Esri Basemap, May 2019.

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\1RP-1694\FIGURE 2 TOPO -1RP-1694.MXD



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MAVERICK PERMIAN LLC

nPAC0801030962
 (32.801293°, -103.439733°)
 LEA COUNTY, NEW MEXICO

EVGSAU 2717-006 WELLHEAD RELEASE
 TOPOGRAPHIC MAP

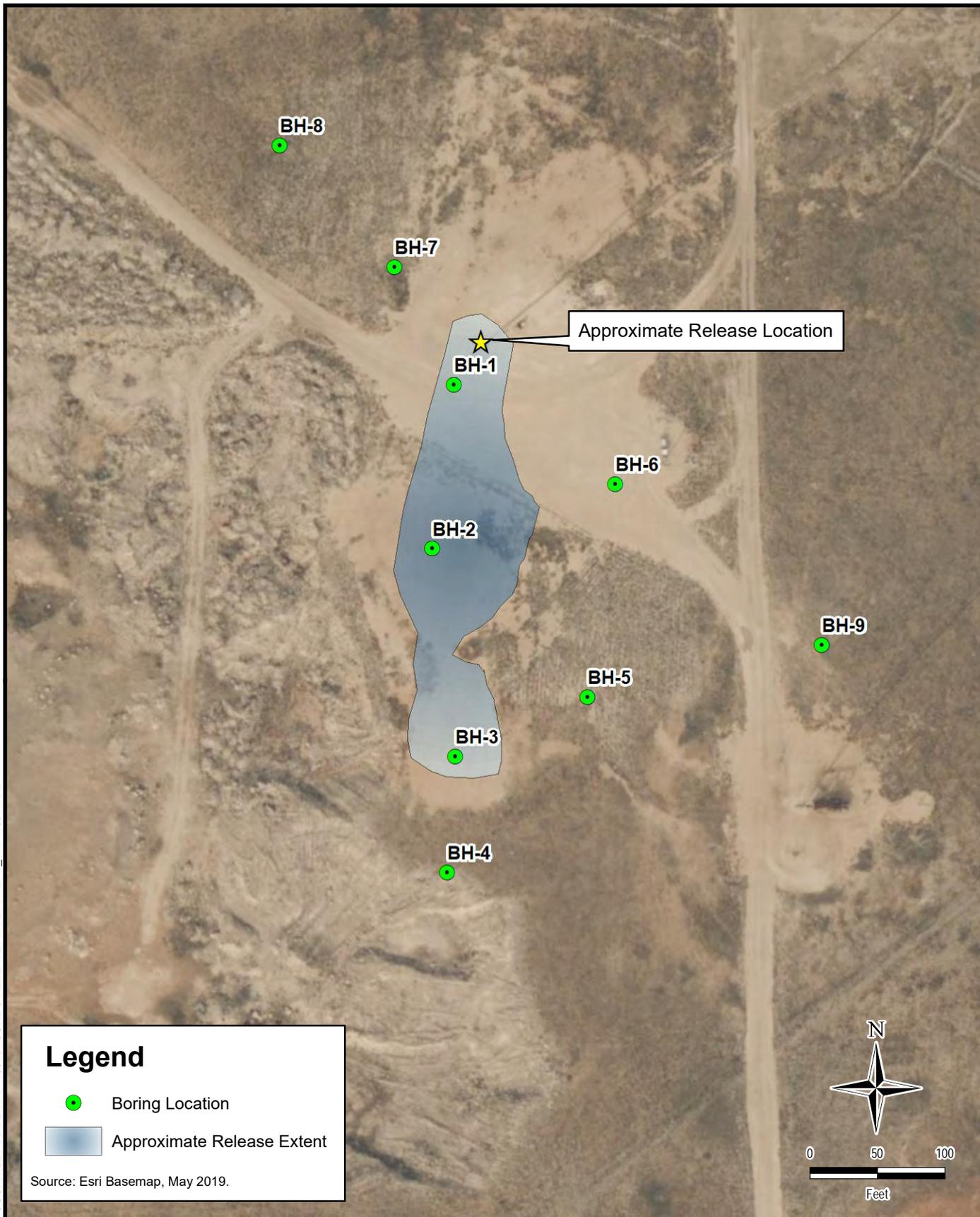
PROJECT NO.: 212C-MD-03293

DATE: JANUARY 26, 2024

DESIGNED BY: AAM

Figure No.

2



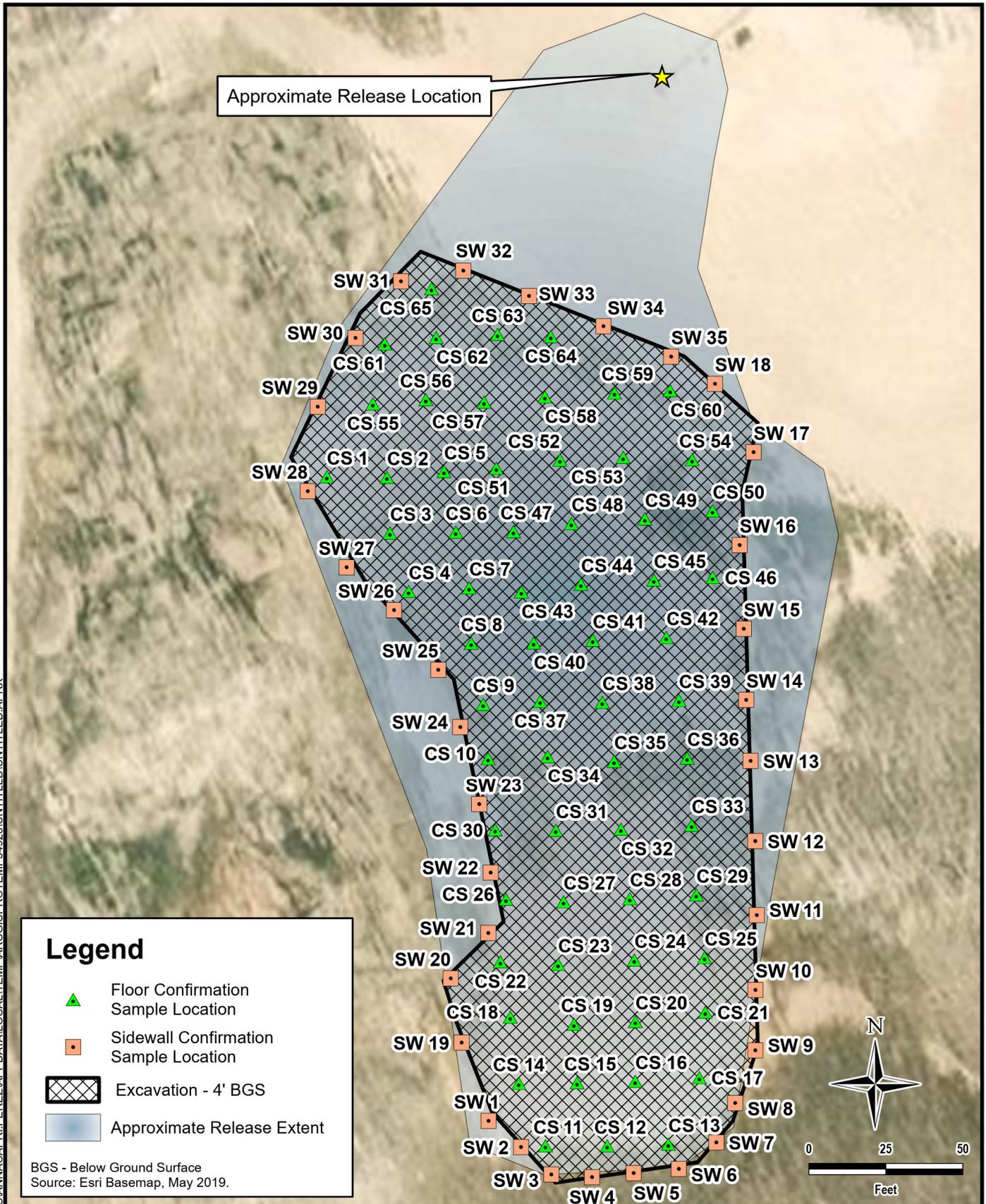
Legend

- Boring Location
- Approximate Release Extent

Source: Esri Basemap, May 2019.

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\1RP-1694\FIGURE 3 RELEASE ASSESSMENT_1RP-1694.MXD

| | | |
|---|---|---|
|  www.tetratech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946 | MAVERICK PERMIAN LLC nPAC0801030962 (32.801293°, -103.439733°) LEA COUNTY, NEW MEXICO | PROJECT NO.: 212C-MD-03293 |
| | EVGSAU 2717-006 WELLHEAD RELEASE RELEASE EXTENT AND ASSESSMENT MAP | DATE: JANUARY 26, 2024 DESIGNED BY: AAM |
| | | Figure No. <h1 style="margin: 0;">3</h1> |



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MAVERICK PERMIAN LLC

1RP-1694
 (32.801293°, -103.439733°)
 LEA COUNTY, NEW MEXICO

**EVGSAU 2717-006 WELLHEAD RELEASE
 REMEDIATION EXTENT & CONFIRMATION SAMPLING**

PROJECT NO.: 212C-MD-03293

DATE: MARCH 12, 2024

DESIGNED BY: ACP

Figure No.

4

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TABLES

TABLE 1
BORING LOCATION COORDINATES SOIL
ASSESSMENT - 1RP-1694
Maverick Permian LLC
EVGSAU 2717-006 WELLHEAD RELEASE
LEA COUNTY, NM

| Boring ID | Latitude | Longitude |
|-----------|-----------|-------------|
| BH-1 | 32.801205 | -103.439799 |
| BH-2 | 32.800872 | -103.439855 |
| BH-3 | 32.800450 | -103.439803 |
| BH-4 | 32.800213 | -103.439825 |
| BH-5 | 32.800568 | -103.439484 |
| BH-6 | 32.801000 | -103.439412 |
| BH-7 | 32.801445 | -103.439940 |
| BH-8 | 32.801670 | -103.440157 |
| BH-9 | 32.800674 | -103.438957 |

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT - 1RP-1694
Maverick Permian LLC
EVGSAU 2717-006 WELLHEAD RELEASE
LEA COUNTY, NM

| Sample ID | Sample Date | Sample Depth Interval | Field Screening Results | | Chloride ¹ | | BTEX ² | | | | | | TPH ³ | | | | | | | | | |
|-----------|-------------|-----------------------|-------------------------|-----|-----------------------|----|-------------------|---|-----------|---|--------------|---|------------------|---|------------|---------|------------------|--------|---------|--------|-------|-------------|
| | | | Chloride | PID | | | Benzene | | Toluene | | Ethylbenzene | | Total Xylenes | | Total BTEX | | GRO ⁴ | | DRO | | ORO | |
| | | | ft. bgs | ppm | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q |
| BH-1 | 11/9/2020 | 0-1 | - | - | 1510 | | < 0.00105 | | < 0.00527 | | < 0.00263 | | 0.00100 | J | 0.00100 | < 0.103 | | < 4.11 | | 0.357 | J | 0.357 |
| | | 2-3 | - | - | 1210 | | < 0.00108 | | < 0.00540 | | < 0.00270 | | < 0.00703 | | - | < 0.104 | | < 4.16 | | 0.404 | J | 0.404 |
| | | 4-5 | - | - | 94.8 | | < 0.00104 | | < 0.00522 | | < 0.00261 | | < 0.00679 | | - | < 0.102 | | < 4.09 | | < 4.09 | | - |
| | | 6-7 | - | - | 23.3 | | < 0.00106 | | < 0.00528 | | < 0.00264 | | < 0.00686 | | - | < 0.103 | | < 4.11 | | 1.11 | B J | 1.11 |
| | | 9-10 | - | - | 22.7 | | < 0.00108 | | < 0.00541 | | < 0.00271 | | < 0.00704 | | - | < 0.104 | | < 4.17 | | 1.62 | B J | 1.62 |
| | | 14-15 | - | - | 13.5 | J | < 0.00106 | | < 0.00532 | | < 0.00266 | | < 0.00692 | | - | < 0.103 | | < 4.13 | | 1.02 | B J | 1.02 |
| | | 19-20 | 102 | 0.4 | 29.2 | | < 0.00107 | | < 0.00533 | | < 0.00266 | | 0.00591 | J | 0.00591 | 0.0333 | B J | < 4.13 | | 1.35 | B J | 1.38 |
| BH-2 | 11/9/2020 | 0-1 | - | - | 4260 | | < 0.00110 | | < 0.00550 | | < 0.00275 | | 0.00102 | J | 0.00102 | 0.0287 | B J | 30.9 | | 40.6 | | 71.5 |
| | | 2-3 | - | - | 2590 | | < 0.00114 | | < 0.00568 | | < 0.00284 | | < 0.00738 | | - | 0.0282 | B J | 4.75 | | 13.5 | | 18.3 |
| | | 4-5 | - | - | 1210 | | < 0.00110 | | < 0.00548 | | < 0.00274 | | < 0.00713 | | - | 0.0245 | B J | < 4.19 | | 1.61 | B J | 1.63 |
| | | 6-7 | - | - | 535 | J6 | < 0.00104 | | < 0.00518 | | < 0.00259 | | < 0.00674 | | - | 0.0328 | B J | 2.42 | J | 9.15 | B | 11.6 |
| | | 9-10 | - | - | 133 | | < 0.00102 | | < 0.00508 | | < 0.00254 | | < 0.00660 | | - | 0.0276 | B J | < 4.03 | | 1.90 | B J | 1.93 |
| | | 14-15 | - | - | 55.8 | | < 0.00103 | | < 0.00513 | | < 0.00257 | | < 0.00667 | | - | 0.0322 | B J | < 4.05 | | 1.03 | B J | 1.06 |
| | | 19-20 | 97.2 | 0.1 | 48.5 | | < 0.00106 | | < 0.00529 | | < 0.00265 | | < 0.00688 | | - | 0.0286 | B J | < 4.12 | | 0.853 | B J | 0.882 |
| BH-3 | 11/9/2020 | 0-1 | - | - | 2540 | | < 0.00117 | | < 0.00584 | | < 0.00292 | | < 0.00759 | | - | 0.0331 | B J | 164 | | 390 | | 554 |
| | | 2-3 | - | - | 1660 | | < 0.00112 | | < 0.00560 | | < 0.00280 | | < 0.00727 | | - | 0.0462 | B J | 157 | | 310 | | 467 |
| | | 4-5 | - | - | 966 | | < 0.00105 | | < 0.00527 | | < 0.00263 | | < 0.00685 | | - | 0.0268 | B J | 47.3 | | 109 | | 156 |
| | | 6-7 | - | - | 3770 | | < 0.00115 | | < 0.00577 | | < 0.00288 | | < 0.00750 | | - | 0.0253 | B J | 2.68 | J | 4.91 | B | 7.62 |
| | | 9-10 | - | - | 3550 | | < 0.00116 | | < 0.00581 | | < 0.00291 | | < 0.00756 | | - | 0.0240 | B J | 2.94 | J J3 J6 | 5.63 | B | 8.59 |
| | | 14-15 | - | - | 350 | | < 0.00110 | | < 0.00548 | | < 0.00274 | | < 0.00712 | | - | 0.0239 | B J | 11.4 | | 26.4 | | 37.8 |
| | | 19-20 | 64.2 | 0.2 | 130 | | < 0.00107 | | < 0.00537 | | < 0.00268 | | < 0.00698 | | - | 0.0257 | B J | < 4.15 | | 1.74 | B J | 1.77 |
| BH-4 | 11/9/2020 | 0-1 | 121 | 1.2 | 90.6 | | < 0.00104 | | < 0.00518 | | < 0.00259 | | < 0.00673 | | - | 0.0278 | B J | 5.09 | | 22.1 | | 27.2 |
| | | 3-4 | 98.2 | 0.5 | 64.7 | | < 0.00105 | | < 0.00523 | | < 0.00261 | | < 0.00679 | | - | 0.0247 | B J | < 4.09 | | 3.42 | B J | 3.44 |
| BH-5 | 11/9/2020 | 0-1 | 134 | 0.6 | 107 | | < 0.00105 | | < 0.00523 | | < 0.00262 | | < 0.00680 | | - | 0.0260 | B J | 631 | | 389 | | 1020 |
| | | 3-4 | 109 | 0.1 | 117 | | < 0.00107 | | < 0.00537 | | < 0.00269 | | < 0.00699 | | - | 0.0258 | B J | 2.45 | J | 8.42 | B | 10.9 |
| BH-6 | 11/9/2020 | 0-1 | 88.1 | 0.2 | 107 | | < 0.00104 | | < 0.00518 | | < 0.00259 | | < 0.00674 | | - | 0.0338 | B J | 23.2 | | 53.6 | | 76.8 |
| | | 3-4 | 64.1 | 0.4 | 387 | | < 0.00109 | | < 0.00547 | | < 0.00274 | | < 0.00711 | | - | < 0.105 | | < 4.19 | | 3.56 | B J | 3.56 |
| BH-7 | 11/9/2020 | 0-1 | 110 | 0.1 | 47.5 | | < 0.00104 | | < 0.00518 | | < 0.00259 | | < 0.00673 | | - | < 0.102 | | 46.5 | | 168 | | 215 |
| | | 3-4 | 98.1 | 0.1 | 95.5 | | < 0.00105 | | < 0.00527 | | < 0.00263 | | < 0.00685 | | - | < 0.103 | | 13.0 | | 51.3 | | 64.3 |
| BH-8 | 1/14/2021 | 0-1 | - | - | < 25.1 | | < 0.00151 | | < 0.00754 | | < 0.00377 | | < 0.00980 | | - | 0.0868 | J | 40.1 | | 84.2 | | 124 |
| BH-9 | 1/14/2021 | 0-1 | - | - | 49.7 | | < 0.00110 | | < 0.00549 | | < 0.00275 | | < 0.00714 | | - | < 0.105 | | 9.05 | | 22.7 | | 31.8 |

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

- 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.
- 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.

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SHALLOW SOIL CONFIRMATION SAMPLING - INCIDENT nPAC0801030962
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 WELLHEAD RELEASE
LEA COUNTY, NEW MEXICO

| Sample ID | Sample Date | Sample Depth feet bgs | Chloride ¹ | | BTEX ² | | | | | | | | TPH ³ | | | | | | | | |
|---|-------------|--------------------------|-----------------------|---|-------------------|---|---------|---|--------------|---|---------------|---|------------------|---|---|---|--|---|--|------------|--------------------------------|
| | | | | | Benzene | | Toluene | | Ethylbenzene | | Total Xylenes | | Total BTEX | | GRO C ₆ - C ₁₀ | | DRO > C ₁₀ - C ₂₈ | | EXT DRO > C ₂₈ - C ₃₆ | | Total TPH (GRO+DRO+EXT DRO) |
| | | | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg |
| Reclamation Requirements (19.15.29 NMAC) | | | 600 | | 10 | | | | | | | | 50 | | | | | | | 100 | |
| CS 61 (2') | 12/12/2023 | 0.0-2.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| CS 62 (2') | 12/12/2023 | 0.0-2.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| CS 63 (2') | 12/12/2023 | 0.0-2.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| CS 64 (2') | 12/12/2023 | 0.0-2.0 | 224 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | 11 | | 11 |
| CS 65 (2') | 12/12/2023 | 0.0-2.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 1 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 10 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 11 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 12 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 13 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 2 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 3 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 4 | 12/7/2023 | 0.0-4.0 | 32 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 5 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 6 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 7 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 8 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 9 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 1 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 10 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 11 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 12 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 13 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 2 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 3 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 4 | 12/7/2023 | 0.0-4.0 | 32 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 5 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 6 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 7 | 12/7/2023 | 0.0-4.0 | 64 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 8 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 9 | 12/7/2023 | 0.0-4.0 | 48 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 14 | 12/8/2023 | 0.0-4.0 | 96 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | 12 | | 12 |
| SW - 15 | 12/8/2023 | 0.0-4.0 | 144 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 16 | 12/8/2023 | 0.0-4.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |
| SW - 17 | 12/8/2023 | 0.0-4.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - |



**TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SHALLOW SOIL CONFIRMATION SAMPLING - INCIDENT nPAC0801030962
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 WELLHEAD RELEASE
LEA COUNTY, NEW MEXICO**

| Sample ID | Sample Date | Sample Depth feet bgs | Chloride ¹ mg/kg Q | | BTEX ² | | | | | | | | TPH ³ | | | | | | | | |
|---|-------------|--------------------------|----------------------------------|--|-------------------|---|---------|---|--------------|---|---------------|-----------|------------------|---|---|---|--|-------|--|---|--------------------------------|
| | | | | | Benzene | | Toluene | | Ethylbenzene | | Total Xylenes | | Total BTEX | | GRO C ₆ - C ₁₀ | | DRO > C ₁₀ - C ₂₈ | | EXT DRO > C ₂₈ - C ₃₆ | | Total TPH (GRO+DRO+EXT DRO) |
| | | | | | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg |
| Reclamation Requirements (19.15.29 NMAC) | | | 600 | | 10 | | | | | | | 50 | | | | | | | 100 | | |
| SW - 18 | 12/8/2023 | 0.0-4.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW - 19 | 12/8/2023 | 0.0-4.0 | 112 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | 11 | 11 | | |
| SW - 20 | 12/8/2023 | 0.0-4.0 | 144 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW - 21 | 12/8/2023 | 0.0-4.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 12 | <10.0 | 12 | | |
| SW - 22 | 12/8/2023 | 0.0-4.0 | 128 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW - 23 | 12/8/2023 | 0.0-4.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW - 24 | 12/8/2023 | 0.0-4.0 | 128 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW - 25 | 12/8/2023 | 0.0-4.0 | 80 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW 26 | 12/11/2023 | 0.0-4.0 | 96 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW 27 | 12/11/2023 | 0.0-4.0 | 144 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | 11 | 11 | | |
| SW 28 | 12/11/2023 | 0.0-4.0 | 144 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW 29 | 12/11/2023 | 0.0-4.0 | 192 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW 30 | 12/11/2023 | 0.0-4.0 | 176 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | <10.0 | - | | |
| SW 31 | 12/11/2023 | 0.0-4.0 | 224 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | 12 | 12 | | |
| SW 32 | 12/11/2023 | 0.0-4.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | 11 | 11 | | |
| SW 33 | 12/11/2023 | 0.0-4.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | 19 | 19 | | |
| SW 34 | 12/11/2023 | 0.0-4.0 | 128 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | 16 | 16 | | |
| SW 35 | 12/11/2023 | 0.0-4.0 | 160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | 16 | 16 | | |

NOTES:
 bgs: Below ground surface GRO: Gasoline Range Organics 1: Method SM4500CI-B **Bold and highlighted values indicate exceedance of Reclamation Requirements (19.15.29 NMAC).**
 mg/kg: Milligrams per kilogram DRO: Diesel Range Organics 2: Method 8021B
 TPH: Total Petroleum Hydrocarbons ORO: Oil Range Organics 3: Method 8015M

TABLE 4
SUMMARY OF ANALYTICAL RESULTS
DEEP CONFIRMATION SAMPLING - INCIDENT nPAC0801030962
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 WELLHEAD RELEASE
LEA COUNTY, NEW MEXICO

| Sample ID | Sample Date | Sample Depth | Chloride ¹ | | BTEX ² | | | | | | | | | | TPH ³ | | | | | | | |
|---|-------------|--------------|-----------------------|--|-------------------|---|---------|---|--------------|---|---------------|---|------------|-----------|------------------|---|----------------------------------|-------------------------------------|-------------------------------------|--------------|-------------------|----|
| | | | | | Benzene | | Toluene | | Ethylbenzene | | Total Xylenes | | Total BTEX | | GRO | | DRO | | EXT DRO | | TPH | |
| | | | | | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | C ₆ - C ₁₀ | > C ₁₀ - C ₂₈ | > C ₂₈ - C ₃₆ | DRO+EXT DRO | (GRO+DRO+EXT DRO) | |
| RRALs (Table I 19.15.29.12 NMAC) | | | 10,000 | | 10 | | | | | | | | | 50 | | | | | | 1,000 | 2,500 | |
| CS - 1 @ 4' | 12/1/2023 | 4.0-4.5 | 2,680 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 10 @ 4' | 12/1/2023 | 4.0-4.5 | 2,960 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 2 @ 4' | 12/1/2023 | 4.0-4.5 | 2,560 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 3 @ 4' | 12/1/2023 | 4.0-4.5 | 2,520 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 4 @ 4' | 12/1/2023 | 4.0-4.5 | 2,560 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 5 @ 4' | 12/1/2023 | 4.0-4.5 | 2,800 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 6 @ 4' | 12/1/2023 | 4.0-4.5 | 2,960 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 7 @ 4' | 12/1/2023 | 4.0-4.5 | 2,960 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 8 @ 4' | 12/1/2023 | 4.0-4.5 | 2,560 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 9 @ 4' | 12/1/2023 | 4.0-4.5 | 3,600 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 9 @ 4' | 12/1/2023 | 4.0-4.5 | 3,600 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 11 (4') | 12/7/2023 | 4.0-4.5 | 2,120 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 12 (4') | 12/7/2023 | 4.0-4.5 | 944 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 13 (4') | 12/7/2023 | 4.0-4.5 | 1,630 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 14 (4') | 12/7/2023 | 4.0-4.5 | 1,880 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 15 (4') | 12/7/2023 | 4.0-4.5 | 2,000 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 16 (4') | 12/7/2023 | 4.0-4.5 | 896 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 17 (4') | 12/7/2023 | 4.0-4.5 | 1,140 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 18 (4') | 12/7/2023 | 4.0-4.5 | 1,260 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 19 (4') | 12/7/2023 | 4.0-4.5 | 1,960 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 20 (4') | 12/7/2023 | 4.0-4.5 | 848 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 21 (4') | 12/7/2023 | 4.0-4.5 | 1,360 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 22 (4') | 12/7/2023 | 4.0-4.5 | 1,230 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 23 (4') | 12/7/2023 | 4.0-4.5 | 1,800 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 24 (4') | 12/7/2023 | 4.0-4.5 | 976 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 25 (4') | 12/7/2023 | 4.0-4.5 | 1,340 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 26 (4') | 12/7/2023 | 4.0-4.5 | 1,760 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 27 (4') | 12/7/2023 | 4.0-4.5 | 2,120 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 28 (4') | 12/7/2023 | 4.0-4.5 | 928 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 29 (4') | 12/7/2023 | 4.0-4.5 | 1,960 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 30 (4') | 12/7/2023 | 4.0-4.5 | 1,970 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 31 (4') | 12/7/2023 | 4.0-4.5 | 1,940 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 32 (4') | 12/7/2023 | 4.0-4.5 | 896 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 33 (4') | 12/7/2023 | 4.0-4.5 | 1,260 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 34 (4') | 12/7/2023 | 4.0-4.5 | 2,080 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 35 (4') | 12/8/2023 | 4.0-4.5 | 1,140 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 36 (4') | 12/8/2023 | 4.0-4.5 | 1,020 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 37 (4') | 12/8/2023 | 4.0-4.5 | 1,660 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 33 | | <10.0 | | 33 | 33 |



TABLE 4
SUMMARY OF ANALYTICAL RESULTS
DEEP CONFIRMATION SAMPLING - INCIDENT nPAC0801030962
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 WELLHEAD RELEASE
LEA COUNTY, NEW MEXICO

| Sample ID | Sample Date | Sample Depth | Chloride ¹ | | BTEX ² | | | | | | | | | | TPH ³ | | | | | | | |
|---|-------------|--------------|-----------------------|--|-------------------|---|---------|---|--------------|---|---------------|---|------------|---|------------------|---|----------------------------------|-------------------------------------|-------------------------------------|--------------|-------------------|----|
| | | | | | Benzene | | Toluene | | Ethylbenzene | | Total Xylenes | | Total BTEX | | GRO | | DRO | | EXT DRO | | TPH | |
| | | | | | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | mg/kg | Q | C ₆ - C ₁₀ | > C ₁₀ - C ₂₈ | > C ₂₈ - C ₃₆ | DRO+EXT DRO | (GRO+DRO+EXT DRO) | |
| RRALs (Table I 19.15.29.12 NMAC) | | | 10,000 | | 10 | | | | | | | | 50 | | | | | | 1,000 | 2,500 | | |
| CS - 38 (4') | 12/8/2023 | 4.0-4.5 | 1,280 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 39 (4') | 12/8/2023 | 4.0-4.5 | 2,030 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 51 | | 19 | | 70 | 70 |
| CS - 40 (4') | 12/8/2023 | 4.0-4.5 | 1,180 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 41 (4') | 12/8/2023 | 4.0-4.5 | 1,230 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 42 (4') | 12/8/2023 | 4.0-4.5 | 1,250 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 17 | | <10.0 | | 17 | 17 |
| CS - 43 (4') | 12/8/2023 | 4.0-4.5 | 1,140 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 44 (4') | 12/8/2023 | 4.0-4.5 | 2,040 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS - 45 (4') | 12/8/2023 | 4.0-4.5 | 2,000 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS 46 (4') | 12/12/2023 | 4.0-4.5 | 4,400 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS 47 (4') | 12/12/2023 | 4.0-4.5 | 2,680 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 11 | | <10.0 | | 11 | 11 |
| CS 48 (4') | 12/12/2023 | 4.0-4.5 | 2,200 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 26 | | <10.0 | | 26 | 26 |
| CS 49 (4') | 12/12/2023 | 4.0-4.5 | 2,600 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 31 | | 11 | | 42 | 42 |
| CS 50 (4') | 12/12/2023 | 4.0-4.5 | 3,440 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 12 | | <10.0 | | 12 | 12 |
| CS 51 (4') | 12/12/2023 | 4.0-4.5 | 2,400 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 30 | | 11 | | 41 | 41 |
| CS 52 (4') | 12/12/2023 | 4.0-4.5 | 2,400 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 12 | | <10.0 | | 12 | 12 |
| CS 53 (4') | 12/12/2023 | 4.0-4.5 | 2,000 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |
| CS 54 (4') | 12/12/2023 | 4.0-4.5 | 2,400 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 21 | | <10.0 | | 21 | 21 |
| CS 55 (4') | 12/12/2023 | 4.0-4.5 | 2,800 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 19 | | <10.0 | | 19 | 19 |
| CS 56 (4') | 12/12/2023 | 4.0-4.5 | 3,440 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 30 | | 11 | | 41 | 41 |
| CS 57 (4') | 12/12/2023 | 4.0-4.5 | 3,680 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 27 | | <10.0 | | 27 | 27 |
| CS 58 (4') | 12/12/2023 | 4.0-4.5 | 3,160 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 42 | | 19 | | 60 | 60 |
| CS 59 (4') | 12/12/2023 | 4.0-4.5 | 3,000 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | 26 | | <10.0 | | 26 | 26 |
| CS 60 (4') | 12/12/2023 | 4.0-4.5 | 512 | | <0.050 | | <0.050 | | <0.050 | | <0.150 | | <0.300 | | <10.0 | | <10.0 | | <10.0 | | - | - |

GRO: Gasoline Range Organics 1: Method SM4500CI-B
DRO: Diesel Range Organics 2: Method 8021B
ORO: Oil Range Organics 3: Method 8015M

Bold and highlighted values indicate exceedance of Table I 19.15.29.12 NMAC.
Areas where samples were collected were then overexcavated to achieve clean margins

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

ATTACHMENT 1 – C-141 FORMS

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | |
|--|-----------------------------------|
| Name of Company ConocoPhillips Company | Contact Mickey Garner |
| Address 3300 North A St. Bldg 6, Midland, TX 79705-5406 | Telephone No. 505.391.3158 |
| Facility Name EVGSAU 2717-006 | Facility Type Oil and Gas |

| | | |
|--|--|------------------------------------|
| Surface Owner State of New Mexico | Mineral Owner State of New Mexico | Lease No 30-025-20835-00-00 |
|--|--|------------------------------------|

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|-----------|------------|------------|---------------|------------------|---------------|----------------|------------|
| P | 27 | 17S | 35E | | | | | Lea |

Latitude N **32 48.070** Longitude W **103 26.389**

NATURE OF RELEASE

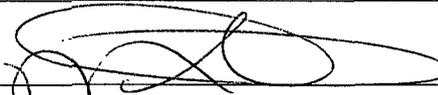
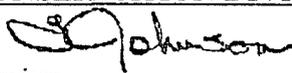
| | | |
|--|---|---|
| Type of Release Crude Oil and Produced Water | Volume of Release 26bbl (5oil, 21water) | Volume Recovered (1oil, 9water) |
| Source of Release Stuffing Box | Date and Hour of Occurrence 12-23-2007 1030 | Date and Hour of Discovery 12-23-2007 1300 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Pat Richards | |
| By Whom? Mickey Garner | Date and Hour 12-24-2007 0925 | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. N/A | |

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
On Sunday December 23, 2007 at 1300 hrs, a leak was discovered coming from the stuffing box of EVGSAU 2717-006, which is located 1 mile east of the Buckeye Production Office. Amount spilled was 5 bbls of oil and 21 bbls of produced water. The spill was not contained and affected 110' X 250' of pad and pasture. No cattle were in the area at the time of the release. The site will be remediated in accordance with NMOCD guidelines.

Describe Area Affected and Cleanup Action Taken.*
A vacuum truck was called to pick up the free liquids. Amount recovered was 1 bbls of oil and 9 bbls of produced water. The chloride concentration for this area is 47,000.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

| | | |
|--|---|-----------------------------------|
| Signature:  | OIL CONSERVATION DIVISION | |
| Printed Name: Mickey Garner |  Approved by District Supervisor ENVIRONMENTAL ENGINEER | |
| Title: HSER Lead | Approval Date: 1.3.08 | Expiration Date: 3.3.08 |
| E-mail Address: Mickey.D.Garner@conocophillips.com | Conditions of Approval: SUBMIT FINAL C.141 w/DATA BY | Attached <input type="checkbox"/> |
| Date: 12-26-2007 Phone: 575.391.3158 | | |

- Attach Additional Sheets If Necessary

RP #1694

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

Site Assessment/Characterization

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

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

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

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 | |
| District RP | |
| Facility ID | |
| Application ID | |

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

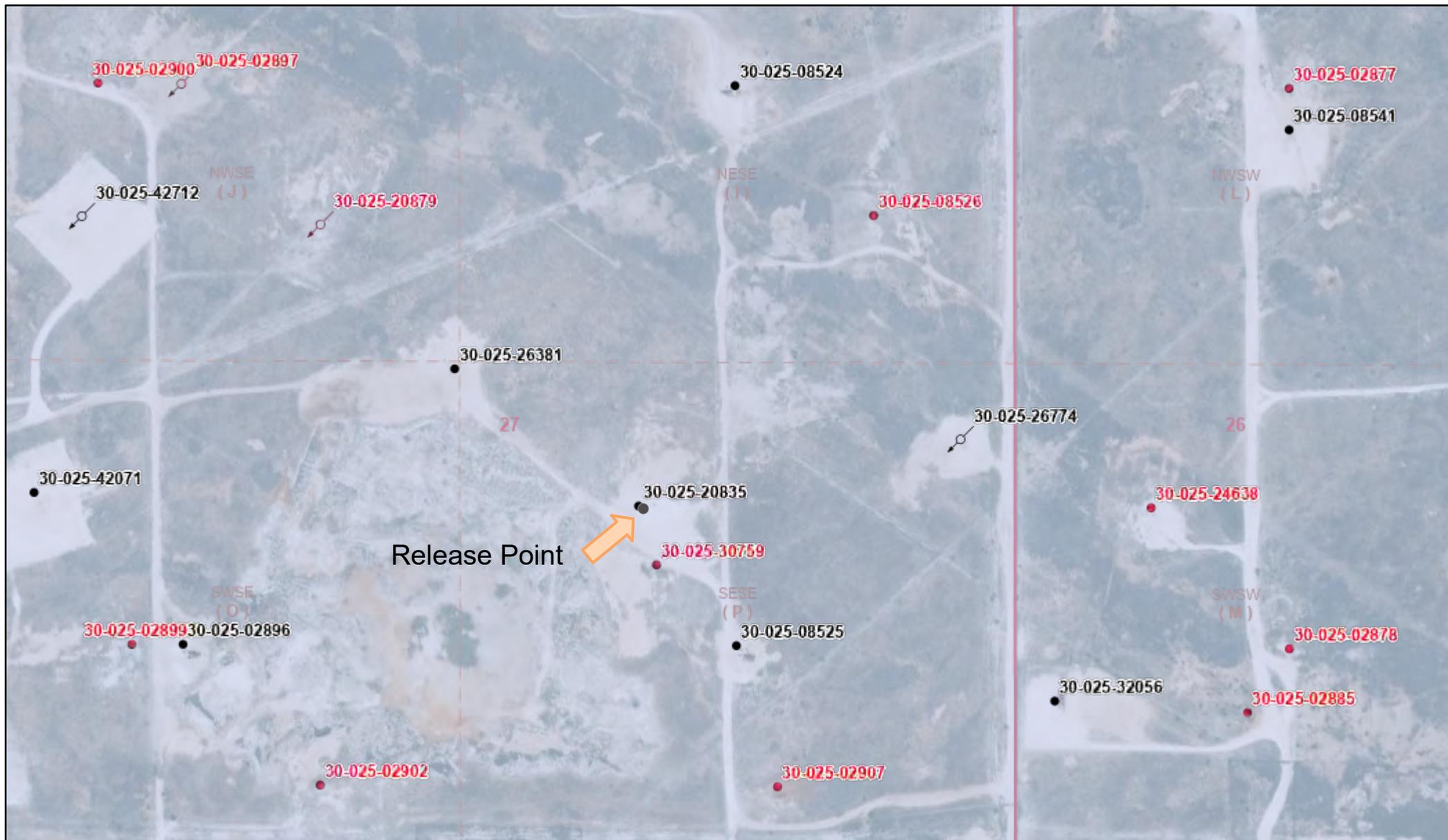
- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

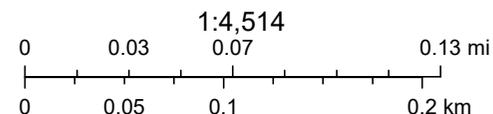
January 31, 2024

ATTACHMENT 2 – SITE CHARACTERIZATION DATA



12/20/2023, 2:23:54 PM

- Override 1
- Karst Occurrence Potential
- Low
- Wells - Large Scale
- Oil, Active
- Oil, Plugged
- Injection, Plugged
- Injection, Active
- PLSS Second Division
- PLSS First Division



BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD, Esri, HERE, Garmin, IPC, Maxar, BLM

Released to Imaging: 3/20/2024 9:12:39 AM

EVGSAU 2717-006 Wellhead Release OSE POD Location Map



12/20/2023, 2:44:51 PM

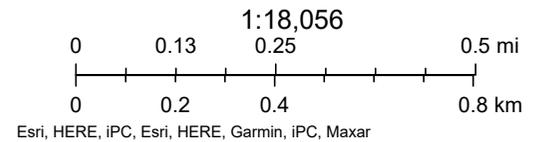
GIS WATERS PODs

- Active
- Pending

- Inactive
- Plugged
-

- OSE District Boundary
- Both Estates

- Pipeline
- Stream River

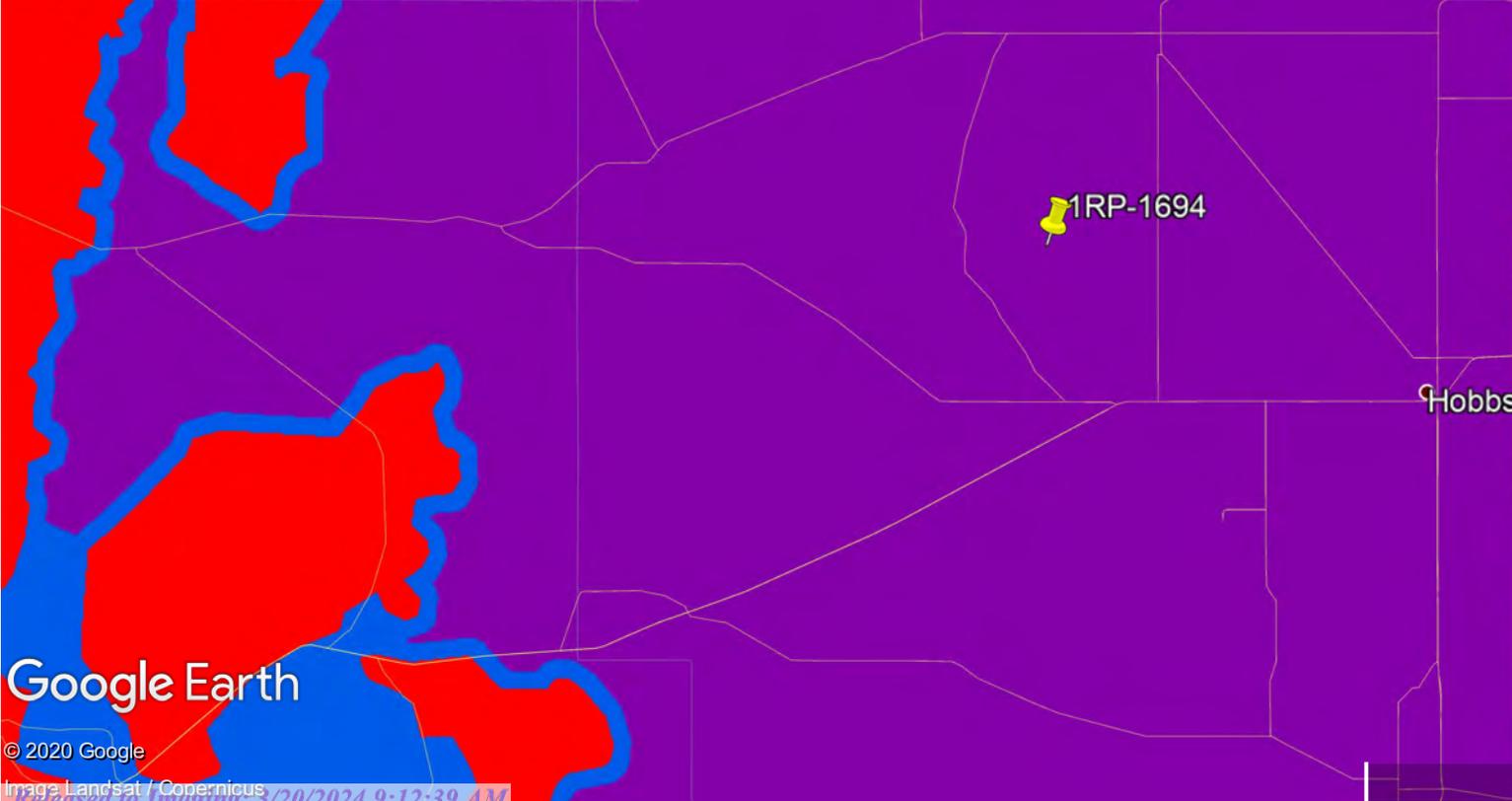


KARST POTENTIAL MAP

1RP-1694

Legend

-  1RP-1694
-  High
-  Low
-  Medium

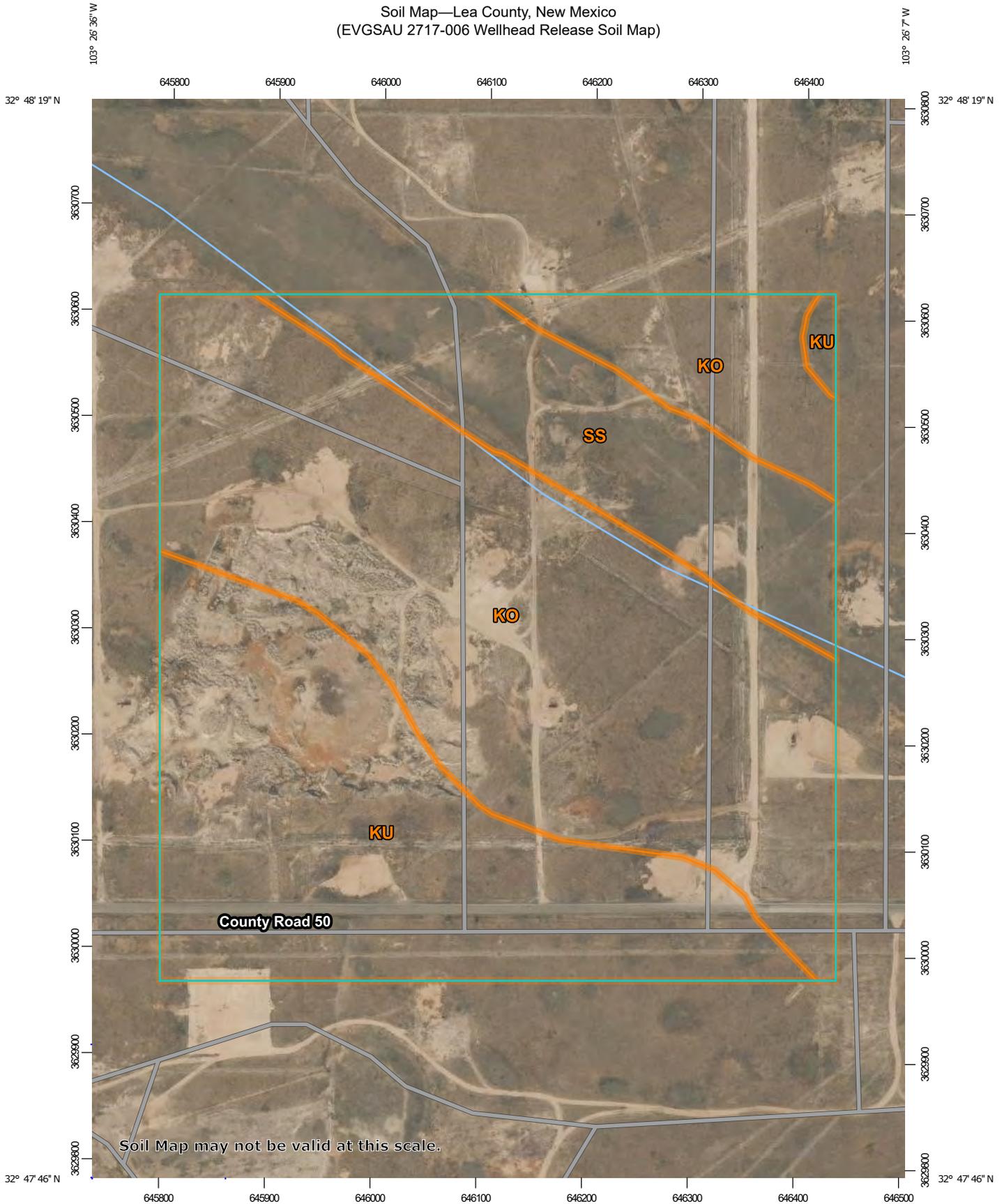


Google Earth

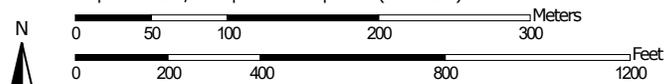
© 2020 Google

30 mi

Soil Map—Lea County, New Mexico
(EVGSAU 2717-006 Wellhead Release Soil Map)



Map Scale: 1:4,960 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

12/20/2023
Page 1 of 3

Soil Map—Lea County, New Mexico
(EVGSAU 2717-006 Wellhead Release Soil Map)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 20, Sep 6, 2023

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

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

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

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|------------------------------------|---|--------------|----------------|
| KO | Kimbrough gravelly loam, dry, 0 to 3 percent slopes | 54.0 | 52.6% |
| KU | Kimbrough-Lea complex, dry, 0 to 3 percent slopes | 32.9 | 32.1% |
| SS | Stegall and Slaughter soils | 15.7 | 15.3% |
| Totals for Area of Interest | | 102.5 | 100.0% |



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

(NAD83 UTM in meters) (In feet)

| POD Number | POD Code | Sub-basin | County | Q 4 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Distance | Well Depth | Water Column |
|------------------------------|----------|-----------|--------|-----|------|-----|-----|-----|--------|----------|----------|----------|------------|--------------|
| L_04859 | L | LE | | 4 | 4 | 4 | 27 | 17S | 35E | 646258 | 3630135* | 257 | 145 | 85 60 |
| L_04881 | L | LE | | 1 | 3 | 26 | 17S | 35E | 646556 | 3630644* | 574 | 137 | 50 | 87 |
| L_13479 POD1 | L | LE | | 2 | 2 | 1 | 34 | 17S | 35E | 645495 | 3630015 | 659 | 80 | 70 10 |
| L_13479 POD3 | L | LE | | 4 | 4 | 3 | 27 | 17S | 35E | 645448 | 3630066 | 682 | 76 | 70 6 |
| L_13479 POD2 | L | LE | | 2 | 2 | 1 | 34 | 17S | 35E | 645480 | 3629941 | 710 | 80 | 70 10 |
| L_05207 | L | LE | | | | | 27 | 17S | 35E | 645552 | 3630825* | 729 | 140 | 60 80 |
| L_04829 S2 | L | LE | | 4 | 3 | 27 | 17S | 35E | 645352 | 3630227* | 734 | 220 | 90 | 130 |

Average Depth to Water: **70 feet**
 Minimum Depth: **50 feet**
 Maximum Depth: **90 feet**

Record Count: 7

UTM NAD83 Radius Search (in meters):

Easting (X): 646080.2 Northing (Y): 3630321.65 Radius: 800

*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.

10/26/20 9:09 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Legend:

- Pipeline
- Sample Points

Figure 1

Site Diagram
 EVGSAU Unit 2717-006
 ConocoPhillips Company
 GPS: 32.8013, -103.4398



Drafted: lc Checked: jwl Date: 9/9/19

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

ATTACHMENT 3 – CULTURAL RESOURCE SURVEY COVER PAGE

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 153975

HPD Log No(s).

Registration

Lead Agency: NM State Land Office

Performing Agency: SWCA Environmental Consultants

Activity ID: 84274

Performing Agency Report No: 23-675

Other Agencies:

Report Recipient (Your Client): Tetra Tech, Inc.

Activity Types:

- Research Design Archaeological Survey/Inventory
- Architectural Survey/Inventory Test Excavation Monitoring
- Collections/Non-Field Study Compliance Decision
- Literature Review Overview Excavation Ethnographic Study
- Resource/Property Visit Historic Structures Report
- Other:

Total Survey Acreage: 7.17

Total Tribal Acreage:

Total Resources Visited: 0

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

ATTACHMENT 4 – LABORATORY ANALYTICAL DATA



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

December 04, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717-006

Enclosed are the results of analyses for samples received by the laboratory on 12/01/23 13:56.

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.

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
 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 1 @ 4' (H236468-01)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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 | 2680 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/01/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/01/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 2 @ 4' (H236468-02)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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 | 2560 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/01/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/01/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 3 @ 4' (H236468-03)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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 | 2520 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/01/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/01/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 4 @ 4' (H236468-04)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | 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 | 2560 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/01/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/01/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 5 @ 4' (H236468-05)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 2800 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/01/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/01/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 6 @ 4' (H236468-06)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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 | 2960 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/01/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/01/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 7 @ 4' (H236468-07)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | 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 | 2960 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/01/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/01/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 69.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 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
 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 8 @ 4' (H236468-08)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | 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 | 2560 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/02/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/02/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/02/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 9 @ 4' (H236468-09)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | 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 | 3600 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/02/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/02/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/02/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 60.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.3 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/01/2023 | Sampling Date: | 12/01/2023 |
| Reported: | 12/04/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 10 @ 4' (H236468-10)

| 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 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 3.47 | |
| Toluene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.15 | 107 | 2.00 | 0.471 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/01/2023 | ND | 2.32 | 116 | 2.00 | 2.22 | |
| Total Xylenes* | <0.150 | 0.150 | 12/01/2023 | ND | 6.87 | 114 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 12/01/2023 | 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 | 2960 | 16.0 | 12/04/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/02/2023 | ND | 184 | 92.0 | 200 | 4.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/02/2023 | ND | 188 | 94.1 | 200 | 4.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/02/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | |
|---|---|---|--|
| Company Name: Maverick Terra Tech Project Manager: Chuck Terhune | | BILL TO P.O. #: _____ Company: Tetra Tech Attn: Chuck Terhune Address: _____ City: _____ State: NM Zip: _____ Project #: _____ Project Owner: Maverick Project Name: Ergson 2117-006 City: _____ State: _____ Zip: _____ Project Location: Lea Co, NM Phone #: _____ Sampler Name: AW Adiragade Fax #: _____ | |
| Address: _____ City: _____ State: NM Zip: _____ Phone #: _____ Fax #: _____ | | ANALYSIS REQUEST | |
| PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. *Regardless of whether such claim is based upon any of the above stated reasons or otherwise. | | FOR LAB USE ONLY | |
| Lab I.D. H334168 | Sample I.D. | (G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : PRESERV: SAMPLING | DATE TIME |
| 1 CS-10e4' 2 CS-2e4' 3 CS-3e4' 4 CS-4e4' 5 CS-5e4' 6 CS-6e4' 7 CS-7e4' 8 CS-8e4' 9 CS-9e4' 10 CS-10e4' | 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 1 10 1 | X X X X X X X X X X | 12/1 12/1 12/1 12/1 12/1 12/1 12/1 12/1 12/1 12/1 |
| Relinquished By: [Signature] Date: 12/1/23 Time: 1356 | | Received By: [Signature] Date: _____ Time: _____ | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: 20.0 Corrected Temp. °C: _____ | | Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: [Signature] (Initials) | |
| Turnaround Time: _____ Thermometer ID #140 Correction Factor 0°C: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> <input type="checkbox"/> Cool Intact <input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Sample Condition Observed Temp. °C Corrected Temp. °C | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: _____ | |



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

December 08, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717-006

Enclosed are the results of analyses for samples received by the laboratory on 12/07/23 13:07.

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/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|--------------|---------------|--------|-----------------|-----------------|
| CS - 11 (4') | H236575-01 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 12 (4') | H236575-02 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 13 (4') | H236575-03 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 14 (4') | H236575-04 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 15 (4') | H236575-05 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 16 (4') | H236575-06 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 17 (4') | H236575-07 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 18 (4') | H236575-08 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 19 (4') | H236575-09 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 20 (4') | H236575-10 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 21 (4') | H236575-11 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 22 (4') | H236575-12 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 23 (4') | H236575-13 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 24 (4') | H236575-14 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 25 (4') | H236575-15 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 26 (4') | H236575-16 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 27 (4') | H236575-17 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 28 (4') | H236575-18 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 29 (4') | H236575-19 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 30 (4') | H236575-20 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 31 (4') | H236575-21 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 32 (4') | H236575-22 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 33 (4') | H236575-23 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| CS - 34 (4') | H236575-24 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 1 | H236575-25 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 2 | H236575-26 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 3 | H236575-27 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

| | | | | |
|---------|------------|------|-----------------|-----------------|
| SW - 4 | H236575-28 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 5 | H236575-29 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 6 | H236575-30 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 7 | H236575-31 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 8 | H236575-32 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 9 | H236575-33 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 10 | H236575-34 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 11 | H236575-35 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 12 | H236575-36 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |
| SW - 13 | H236575-37 | Soil | 07-Dec-23 00:00 | 07-Dec-23 13:07 |

12/08/23 - Sample jars had headspace which can bias the BTEX and TPH results low .

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 11 (4')
H236575-01 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 2120 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|--|----------|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 118 % | | 71.5-134 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|---------------------------------------|--|--|-------|--|----------|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 62.8 % | | 48.2-134 | 3120725 | MS | 07-Dec-23 | 8015B | |
|---------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 60.5 % | | 49.1-148 | 3120725 | MS | 07-Dec-23 | 8015B | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 12 (4')
H236575-02 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 944 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 118 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 58.3 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 54.7 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 13 (4')
H236575-03 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1630 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 118 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 71.0 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 67.2 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 14 (4*)
H236575-04 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1880 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 118 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 72.2 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 67.0 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 15 (4')
H236575-05 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 2000 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 118 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 55.3 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 51.8 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 16 (4*)
H236575-06 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 896 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 120 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 68.8 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 64.7 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 17 (4*)
H236575-07 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1140 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 119 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 72.6 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 68.0 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 18 (4*)
H236575-08 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1260 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 117 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 78.0 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 74.0 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 19 (4*)
H236575-09 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1960 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 118 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 106 % | 48.2-134 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 102 % | 49.1-148 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 20 (4*)
H236575-10 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 848 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 117 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 75.1 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 70.5 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 21 (4')
H236575-11 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1360 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 120 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 83.5 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 76.8 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 22 (4')
H236575-12 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1230 | | 16.0 | mg/kg | 4 | 3120812 | HM | 08-Dec-23 | 4500-CI-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 116 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 68.3 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 63.0 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 23 (4')
H236575-13 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|-------|
| Chloride | 1800 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | QM-07 |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|-------|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134 3120722 JH/ 07-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

Surrogate: 1-Chlorooctane 77.7 % 48.2-134 3120725 MS 07-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148 3120725 MS 07-Dec-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 24 (4*)
H236575-14 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 976 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 119 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 80.3 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 74.4 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 25 (4')
H236575-15 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1340 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 118 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 71.4 % | 48.2-134 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 66.2 % | 49.1-148 | | 3120725 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 26 (4*)
H236575-16 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1760 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 118 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 67.6 % | 48.2-134 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 62.1 % | 49.1-148 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 27 (4*)
H236575-17 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 2120 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 120 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 115 % | 48.2-134 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 105 % | 49.1-148 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 28 (4*)
H236575-18 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 928 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 118 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 76.2 % | 48.2-134 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 70.4 % | 49.1-148 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 29 (4')
H236575-19 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1960 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 120 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 60.8 % | 48.2-134 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 55.6 % | 49.1-148 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 30 (4*)
H236575-20 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1970 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120722 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 119 % | 71.5-134 | | 3120722 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120725 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 73.6 % | 48.2-134 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 67.9 % | 49.1-148 | | 3120725 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 31 (4*)
H236575-21 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1940 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 104 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 82.8 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 85.0 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 32 (4*)
H236575-22 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 896 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 83.2 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 83.1 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 33 (4*)
H236575-23 (Soil)**

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

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Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1260 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 88.9 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 91.2 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

**CS - 34 (4*)
H236575-24 (Soil)**

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 2080 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 79.6 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 81.5 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 1

H236575-25 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 91.5 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 94.5 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 2

H236575-26 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 82.4 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 83.1 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 3

H236575-27 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 78.8 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 81.4 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 4

H236575-28 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 106 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 78.9 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 80.6 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 5

H236575-29 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 104 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 87.1 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 90.1 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 6

H236575-30 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 94.1 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 98.0 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 7

H236575-31 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 07-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 77.3 % | 48.2-134 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 79.0 % | 49.1-148 | | 3120726 | MS | 07-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 8

H236575-32 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 3120809 | AC | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 104 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 79.9 % | 48.2-134 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 83.3 % | 49.1-148 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 9

H236575-33 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 3120813 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 106 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 79.8 % | 48.2-134 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 82.2 % | 49.1-148 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 10

H236575-34 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 3120813 | HM | 08-Dec-23 | 4500-CI-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 84.7 % | 48.2-134 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 86.3 % | 49.1-148 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 11

H236575-35 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 3120813 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 66.3 % | 48.2-134 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 67.2 % | 49.1-148 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 12

H236575-36 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 3120813 | HM | 08-Dec-23 | 4500-CI-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 105 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|--|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 80.1 % | 48.2-134 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|----------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 81.4 % | 49.1-148 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|--------------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

SW - 13

H236575-37 (Soil)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 3120813 | HM | 08-Dec-23 | 4500-CI-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|-----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 3120723 | JH/ | 07-Dec-23 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 106 % | 71.5-134 | | 3120723 | JH/ | 07-Dec-23 | 8021B | |
|---------------------------------------|--|--|-------|----------|--|---------|-----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 3120726 | MS | 08-Dec-23 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 87.5 % | 48.2-134 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|---------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 91.1 % | 49.1-148 | | 3120726 | MS | 08-Dec-23 | 8015B | |
|-------------------------------|--|--|--------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

Inorganic Compounds - Quality Control

Cardinal Laboratories

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

Batch 3120809 - 1:4 DI Water

| | | | | | | | | | | |
|-------------------------------|-----|--------------------------------|-------|-----|--|-----|--------|------|----|--|
| Blank (3120809-BLK1) | | Prepared & Analyzed: 08-Dec-23 | | | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (3120809-BS1) | | Prepared & Analyzed: 08-Dec-23 | | | | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
| LCS Dup (3120809-BSD1) | | Prepared & Analyzed: 08-Dec-23 | | | | | | | | |
| Chloride | 448 | 16.0 | mg/kg | 400 | | 112 | 80-120 | 3.64 | 20 | |

Batch 3120812 - 1:4 DI Water

| | | | | | | | | | | |
|-------------------------------|-----|--------------------------------|-------|-----|--|-----|--------|------|----|--|
| Blank (3120812-BLK1) | | Prepared & Analyzed: 08-Dec-23 | | | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (3120812-BS1) | | Prepared & Analyzed: 08-Dec-23 | | | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| LCS Dup (3120812-BSD1) | | Prepared & Analyzed: 08-Dec-23 | | | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 0.00 | 20 | |

Batch 3120813 - 1:4 DI Water

| | | | | | | | | | | |
|-----------------------------|-----|--------------------------------|-------|-----|--|-----|--------|--|--|--|
| Blank (3120813-BLK1) | | Prepared & Analyzed: 08-Dec-23 | | | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (3120813-BS1) | | Prepared & Analyzed: 08-Dec-23 | | | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

Inorganic Compounds - Quality Control

Cardinal Laboratories

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

Batch 3120813 - 1:4 DI Water

LCS Dup (3120813-BSD1)

Prepared & Analyzed: 08-Dec-23

| | | | | | | | | | | |
|----------|-----|------|-------|-----|--|-----|--------|------|----|--|
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 0.00 | 20 | |
|----------|-----|------|-------|-----|--|-----|--------|------|----|--|

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

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

Batch 3120722 - Volatiles

| Blank (3120722-BLK1) | | | Prepared & Analyzed: 07-Dec-23 | | | | | | | |
|---------------------------------------|--------|-------|--------------------------------|--------|--|-----|----------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0596 | | mg/kg | 0.0500 | | 119 | 71.5-134 | | | |

| LCS (3120722-BS1) | | | Prepared & Analyzed: 07-Dec-23 | | | | | | | |
|---------------------------------------|--------|-------|--------------------------------|--------|--|-----|----------|--|--|--|
| Benzene | 2.00 | 0.050 | mg/kg | 2.00 | | 100 | 82.8-130 | | | |
| Toluene | 2.09 | 0.050 | mg/kg | 2.00 | | 105 | 86-128 | | | |
| Ethylbenzene | 2.11 | 0.050 | mg/kg | 2.00 | | 106 | 85.9-128 | | | |
| m,p-Xylene | 4.29 | 0.100 | mg/kg | 4.00 | | 107 | 89-129 | | | |
| o-Xylene | 2.07 | 0.050 | mg/kg | 2.00 | | 104 | 86.1-125 | | | |
| Total Xylenes | 6.36 | 0.150 | mg/kg | 6.00 | | 106 | 88.2-128 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0571 | | mg/kg | 0.0500 | | 114 | 71.5-134 | | | |

| LCS Dup (3120722-BSD1) | | | Prepared & Analyzed: 07-Dec-23 | | | | | | | |
|---------------------------------------|--------|-------|--------------------------------|--------|--|------|----------|------|------|--|
| Benzene | 1.85 | 0.050 | mg/kg | 2.00 | | 92.6 | 82.8-130 | 7.85 | 15.8 | |
| Toluene | 1.91 | 0.050 | mg/kg | 2.00 | | 95.7 | 86-128 | 8.83 | 15.9 | |
| Ethylbenzene | 1.95 | 0.050 | mg/kg | 2.00 | | 97.4 | 85.9-128 | 8.11 | 16 | |
| m,p-Xylene | 3.97 | 0.100 | mg/kg | 4.00 | | 99.3 | 89-129 | 7.69 | 16.2 | |
| o-Xylene | 1.90 | 0.050 | mg/kg | 2.00 | | 94.9 | 86.1-125 | 8.85 | 16.7 | |
| Total Xylenes | 5.87 | 0.150 | mg/kg | 6.00 | | 97.8 | 88.2-128 | 8.07 | 16.3 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0558 | | mg/kg | 0.0500 | | 112 | 71.5-134 | | | |

Batch 3120723 - Volatiles

| Blank (3120723-BLK1) | | | Prepared & Analyzed: 07-Dec-23 | | | | | | | |
|----------------------|----|-------|--------------------------------|--|--|--|--|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

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

Batch 3120723 - Volatiles

Blank (3120723-BLK1)

Prepared & Analyzed: 07-Dec-23

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|-----|----------|--|--|--|
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0523 | | mg/kg | 0.0500 | | 105 | 71.5-134 | | | |

LCS (3120723-BS1)

Prepared & Analyzed: 07-Dec-23

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|-----|----------|--|--|--|
| Benzene | 2.19 | 0.050 | mg/kg | 2.00 | | 109 | 82.8-130 | | | |
| Toluene | 2.15 | 0.050 | mg/kg | 2.00 | | 108 | 86-128 | | | |
| Ethylbenzene | 2.13 | 0.050 | mg/kg | 2.00 | | 107 | 85.9-128 | | | |
| m,p-Xylene | 4.68 | 0.100 | mg/kg | 4.00 | | 117 | 89-129 | | | |
| o-Xylene | 2.07 | 0.050 | mg/kg | 2.00 | | 104 | 86.1-125 | | | |
| Total Xylenes | 6.75 | 0.150 | mg/kg | 6.00 | | 113 | 88.2-128 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0519 | | mg/kg | 0.0500 | | 104 | 71.5-134 | | | |

LCS Dup (3120723-BSD1)

Prepared & Analyzed: 07-Dec-23

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|-----|----------|------|------|--|
| Benzene | 2.14 | 0.050 | mg/kg | 2.00 | | 107 | 82.8-130 | 2.03 | 15.8 | |
| Toluene | 2.11 | 0.050 | mg/kg | 2.00 | | 105 | 86-128 | 2.11 | 15.9 | |
| Ethylbenzene | 2.08 | 0.050 | mg/kg | 2.00 | | 104 | 85.9-128 | 2.41 | 16 | |
| m,p-Xylene | 4.60 | 0.100 | mg/kg | 4.00 | | 115 | 89-129 | 1.81 | 16.2 | |
| o-Xylene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 86.1-125 | 2.27 | 16.7 | |
| Total Xylenes | 6.62 | 0.150 | mg/kg | 6.00 | | 110 | 88.2-128 | 1.95 | 16.3 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0519 | | mg/kg | 0.0500 | | 104 | 71.5-134 | | | |

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

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

Batch 3120725 - General Prep - Organics

| | | | | | | | | | | |
|-------------------------------|------|---|-------|------|--|-----|----------|--|--|--|
| Blank (3120725-BLK1) | | Prepared: 07-Dec-23 Analyzed: 08-Dec-23 | | | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 62.5 | | mg/kg | 50.0 | | 125 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 57.9 | | mg/kg | 50.0 | | 116 | 49.1-148 | | | |

| | | | | | | | | | | |
|-------------------------------|------|--------------------------------|-------|------|--|------|----------|--|--|--|
| LCS (3120725-BS1) | | Prepared & Analyzed: 07-Dec-23 | | | | | | | | |
| GRO C6-C10 | 188 | 10.0 | mg/kg | 200 | | 94.2 | 66.4-123 | | | |
| DRO >C10-C28 | 167 | 10.0 | mg/kg | 200 | | 83.4 | 66.5-118 | | | |
| Total TPH C6-C28 | 355 | 10.0 | mg/kg | 400 | | 88.8 | 77.6-123 | | | |
| Surrogate: 1-Chlorooctane | 47.1 | | mg/kg | 50.0 | | 94.2 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 46.0 | | mg/kg | 50.0 | | 92.1 | 49.1-148 | | | |

| | | | | | | | | | | |
|-------------------------------|------|--------------------------------|-------|------|--|------|----------|-------|------|--|
| LCS Dup (3120725-BS1) | | Prepared & Analyzed: 07-Dec-23 | | | | | | | | |
| GRO C6-C10 | 186 | 10.0 | mg/kg | 200 | | 93.0 | 66.4-123 | 1.33 | 17.7 | |
| DRO >C10-C28 | 172 | 10.0 | mg/kg | 200 | | 85.8 | 66.5-118 | 2.87 | 21 | |
| Total TPH C6-C28 | 357 | 10.0 | mg/kg | 400 | | 89.4 | 77.6-123 | 0.667 | 18.5 | |
| Surrogate: 1-Chlorooctane | 45.8 | | mg/kg | 50.0 | | 91.7 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 45.8 | | mg/kg | 50.0 | | 91.7 | 49.1-148 | | | |

Batch 3120726 - General Prep - Organics

| | | | | | | | | | | |
|-------------------------------|------|--------------------------------|-------|------|--|------|----------|--|--|--|
| Blank (3120726-BLK1) | | Prepared & Analyzed: 07-Dec-23 | | | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 24.3 | | mg/kg | 50.0 | | 48.6 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 24.7 | | mg/kg | 50.0 | | 49.4 | 49.1-148 | | | |

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Analytical Results For:

| | | |
|---|---|------------------------------|
| TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701 | Project: EVGSAU 2717-006 Project Number: EVGSAU 2717-006 Project Manager: CHUCK TERHUNE Fax To: (432) 682-3946 | Reported: 08-Dec-23 12:42 |
|---|---|------------------------------|

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

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

Batch 3120726 - General Prep - Organics

LCS (3120726-BS1)

Prepared & Analyzed: 07-Dec-23

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | 178 | 10.0 | mg/kg | 200 | | 89.0 | 66.4-123 | | | |
| DRO >C10-C28 | 176 | 10.0 | mg/kg | 200 | | 88.2 | 66.5-118 | | | |
| Total TPH C6-C28 | 354 | 10.0 | mg/kg | 400 | | 88.6 | 77.6-123 | | | |
| Surrogate: 1-Chlorooctane | 48.9 | | mg/kg | 50.0 | | 97.8 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 46.4 | | mg/kg | 50.0 | | 92.9 | 49.1-148 | | | |

LCS Dup (3120726-BSD1)

Prepared & Analyzed: 07-Dec-23

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|-------|------|--|
| GRO C6-C10 | 177 | 10.0 | mg/kg | 200 | | 88.7 | 66.4-123 | 0.297 | 17.7 | |
| DRO >C10-C28 | 171 | 10.0 | mg/kg | 200 | | 85.3 | 66.5-118 | 3.28 | 21 | |
| Total TPH C6-C28 | 348 | 10.0 | mg/kg | 400 | | 87.0 | 77.6-123 | 1.77 | 18.5 | |
| Surrogate: 1-Chlorooctane | 47.8 | | mg/kg | 50.0 | | 95.6 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 51.0 | | mg/kg | 50.0 | | 102 | 49.1-148 | | | |

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

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

P. 2 of 4

BILL TO

ANALYSIS REQUEST

| | |
|---|----------------------------|
| Company Name: TetraTech | P.O. #: |
| Project Manager: Chuck Terhune | Company: TetraTech |
| Address: | Attn: Chuck Terhune |
| City: | Address: |
| State: | City: |
| Zip: | State: |
| Phone #: | Zip: |
| Fax #: | Phone #: |
| Project #: Project Owner: Naventix | Fax #: |
| Project Name: Erskin 2117-006 | |
| Project Location: Lea Co. NM | |
| Sampler Name: Adrian Garcia | |

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | PRESERV | DATE | TIME | Chloride | TPH | BTEX |
|----------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|---------|------|------|----------|-----|------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | | | | |
| 11 | CS-21 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |
| 12 | CS-22 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |
| 13 | CS-23 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |
| 14 | CS-24 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |
| 15 | CS-25 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |
| 16 | CS-26 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |
| 17 | CS-27 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |
| 18 | CS-28 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |
| 19 | CS-29 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |
| 20 | CS-30 (4') | G | 1 | X | | | | | X | 12/7 | | X | | | |

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Relinquished By: **Adrian Garcia**

Relinquished Date: **12/1/23**

Received By: **Spotter Keene**

Received Date: **13/01**

Turnaround Time: **Standard**

Thermometer ID #140 **Rush**

Correction Factor 0°C

Verbal Results: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

Delivered By: (Circle One) UPS Bus Other:

Observed Temp. °C: **2-8°C**

Corrected Temp. °C:

Sample Condition: Cool Intact Yes No

CHECKED BY: **(Signature)**

Turnaround Time: **Standard**

Thermometer ID #140 **Rush**

Correction Factor 0°C

Bacteria (only) Sample Condition: Cool Intact Yes No

Observed Temp. °C

Corrected Temp. °C

REMARKS: **discussed head space on samples w/ customer, he said run them. Spotter Keene 12/17**



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

p. 5 of 4

Company Name: **TetraTech** P.O. #: **BILL TO** ANALYSIS REQUEST

Project Manager: **Chuck Terhune** Company: **TetraTech**

Address: _____ Attn: **Chuck Terhune**

City: _____ State: _____ Zip: _____ Address: _____

Phone #: _____ Fax #: _____ City: _____ State: _____ Zip: _____

Project #: _____ Project Owner: **Maverick**

Project Name: **Evsau 2117-006** State: _____ Zip: _____

Project Location: **Lea Co. NM** Phone #: _____ Fax #: _____

Sampler Name: **Adnan Garcia**

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | PRESERV. | SAMPLING DATE | TIME | ANALYSIS REQUEST |
|---------------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|----------|---------------|----------|------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | | |
| H30575 | | | | | | | | | | | | | |
| 21 | G-31 (4') | G | 1 | | | X | | | X | 2023 | 12/7 | Chloride | |
| 22 | CS-32 (4') | G | 1 | | | X | | | X | 2023 | 12/7 | TPH | |
| 23 | CS-33 (4') | G | 1 | | | X | | | X | 2023 | 12/7 | BTEX | |
| 24 | CS-34 (4') | G | 1 | | | X | | | X | 2023 | 12/7 | | |
| 25 | SW-1 | G | 1 | | | X | | | X | 2023 | 12/7 | | |
| 26 | SW-2 | G | 1 | | | X | | | X | 2023 | 12/7 | | |
| 27 | SW-3 | G | 1 | | | X | | | X | 2023 | 12/7 | | |
| 28 | SW-4 | G | 1 | | | X | | | X | 2023 | 12/7 | | |
| 29 | SW-5 | G | 1 | | | X | | | X | 2023 | 12/7 | | |
| 30 | SW-6 | G | 1 | | | X | | | X | 2023 | 12/7 | | |

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Relinquished By: **Adnan Garcia** Date: **12/7/23** Received By: **Speedingmen**

Relinquished By: _____ Date: _____ Received By: _____

Delivered By: (Circle One) Observed Temp. °C: **2.8** Sample Condition: Cool Intact

Sampler - UPS - Bus - Other: Corrected Temp. °C: _____ Yes No

Checked By: _____ (Initials)

REMARKS: **-discussed road space on samples w/ customer, no said run them. Speedingmen**

Turnaround Time: _____ Standard Rush **(24 hr)**

Thermometer ID #140 Correction Factor 0°C No Yes

Bacteria (only) Sample Condition: Cool Intact Yes No

Corrected Temp. °C: _____

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



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

December 11, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717-006

Enclosed are the results of analyses for samples received by the laboratory on 12/08/23 14:12.

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 35 (4') (H236586-01)

| 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 | 12/08/2023 | ND | 2.25 | 113 | 2.00 | 8.76 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.14 | 107 | 2.00 | 8.05 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.19 | 109 | 2.00 | 6.93 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.49 | 108 | 6.00 | 6.12 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1140 | 16.0 | 12/11/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2023 | ND | 198 | 99.2 | 200 | 0.423 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2023 | ND | 193 | 96.6 | 200 | 0.560 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 36 (4') (H236586-02)

| 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 | 12/08/2023 | ND | 2.25 | 113 | 2.00 | 8.76 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.14 | 107 | 2.00 | 8.05 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.19 | 109 | 2.00 | 6.93 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.49 | 108 | 6.00 | 6.12 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1020 | 16.0 | 12/11/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2023 | ND | 198 | 99.2 | 200 | 0.423 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2023 | ND | 193 | 96.6 | 200 | 0.560 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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*=Accredited Analyte

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 37 (4') (H236586-03)

| 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 | 12/08/2023 | ND | 2.25 | 113 | 2.00 | 8.76 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.14 | 107 | 2.00 | 8.05 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.19 | 109 | 2.00 | 6.93 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.49 | 108 | 6.00 | 6.12 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1660 | 16.0 | 12/11/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2023 | ND | 198 | 99.2 | 200 | 0.423 | |
| DRO >C10-C28* | 32.7 | 10.0 | 12/08/2023 | ND | 193 | 96.6 | 200 | 0.560 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 38 (4') (H236586-04)

| 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 | 12/08/2023 | ND | 2.25 | 113 | 2.00 | 8.76 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.14 | 107 | 2.00 | 8.05 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.19 | 109 | 2.00 | 6.93 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.49 | 108 | 6.00 | 6.12 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1280 | 16.0 | 12/11/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2023 | ND | 198 | 99.2 | 200 | 0.423 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2023 | ND | 193 | 96.6 | 200 | 0.560 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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*=Accredited Analyte

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 39 (4') (H236586-05)

| 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 | 12/08/2023 | ND | 2.25 | 113 | 2.00 | 8.76 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.14 | 107 | 2.00 | 8.05 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.19 | 109 | 2.00 | 6.93 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.49 | 108 | 6.00 | 6.12 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2030 | 16.0 | 12/11/2023 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2023 | ND | 198 | 99.2 | 200 | 0.423 | |
| DRO >C10-C28* | 51.4 | 10.0 | 12/09/2023 | ND | 193 | 96.6 | 200 | 0.560 | |
| EXT DRO >C28-C36 | 18.6 | 10.0 | 12/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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*=Accredited Analyte

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 40 (4') (H236586-06)

| 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 | 12/08/2023 | ND | 2.25 | 113 | 2.00 | 8.76 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.14 | 107 | 2.00 | 8.05 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.19 | 109 | 2.00 | 6.93 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.49 | 108 | 6.00 | 6.12 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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 | 1180 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/09/2023 | ND | 198 | 99.2 | 200 | 0.423 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2023 | ND | 193 | 96.6 | 200 | 0.560 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 41 (4') (H236586-07)

| 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 | 12/08/2023 | ND | 2.25 | 113 | 2.00 | 8.76 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.14 | 107 | 2.00 | 8.05 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.19 | 109 | 2.00 | 6.93 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.49 | 108 | 6.00 | 6.12 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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 | 1230 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/09/2023 | ND | 198 | 99.2 | 200 | 0.423 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2023 | ND | 193 | 96.6 | 200 | 0.560 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 42 (4') (H236586-08)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 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 | |
| Chloride | 1250 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/09/2023 | ND | 198 | 99.2 | 200 | 0.423 | | |
| DRO >C10-C28* | 17.1 | 10.0 | 12/09/2023 | ND | 193 | 96.6 | 200 | 0.560 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 43 (4') (H236586-09)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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 | 1140 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/09/2023 | ND | 198 | 99.2 | 200 | 0.423 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2023 | ND | 193 | 96.6 | 200 | 0.560 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 44 (4') (H236586-10)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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 | 2040 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/08/2023 | ND | 195 | 97.3 | 200 | 0.918 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2023 | ND | 164 | 82.0 | 200 | 3.94 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 61.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.3 % 49.1-148

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Analytical Results For:

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 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS - 45 (4') (H236586-11)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 49.1-148

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 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 14 (H236586-12)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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 |
| Chloride | 96.0 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | |
| EXT DRO >C28-C36 | 12.0 | 10.0 | 12/11/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 15 (H236586-13)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 56.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 49.8 % 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
 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 16 (H236586-14)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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 | 160 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 17 (H236586-15)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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 | |
| Chloride | 160 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 18 (H236586-16)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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 | 160 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 19 (H236586-17)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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 |
| Chloride | 112 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | |
| EXT DRO >C28-C36 | 10.5 | 10.0 | 12/11/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 20 (H236586-18)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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 | 144 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 21 (H236586-19)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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 | 160 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | | |
| DRO >C10-C28* | 12.1 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 22 (H236586-20)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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 | 128 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 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
 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 23 (H236586-21)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | 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 | 160 | 16.0 | 12/11/2023 | ND | 448 | 112 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 24 (H236586-22)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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 | 12/11/2023 | ND | 448 | 112 | 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 | 12/08/2023 | ND | 195 | 97.3 | 200 | 0.918 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2023 | ND | 164 | 82.0 | 200 | 3.94 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 12/08/2023 | Sampling Date: | 12/08/2023 |
| Reported: | 12/11/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW - 25 (H236586-23)

| 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 | 12/08/2023 | ND | 2.15 | 107 | 2.00 | 8.02 | |
| Toluene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.00 | 100 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2023 | ND | 2.06 | 103 | 2.00 | 7.65 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2023 | ND | 6.03 | 100 | 6.00 | 7.53 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/11/2023 | 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 | 12/11/2023 | ND | 195 | 97.3 | 200 | 0.918 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/11/2023 | ND | 164 | 82.0 | 200 | 3.94 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/11/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.9 % 49.1-148

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(1 of 3)

| | | | | | | | | | | | |
|---|------------|--|--------------|--|----------|----------|--------------|------------------|---|------|----------|
| Company Name: TetraTech Project Manager: Chuck Terhune | | P.O. #: _____ Company: TetraTech Attn: Chuck Terhune | | | | | | | | | |
| Address: _____ City: _____ State: NM Zip: _____ | | Address: _____ City: _____ State: _____ Zip: _____ | | | | | | | | | |
| Phone #: _____ Fax #: _____ Project #: Eysau 2717-006 Project Owner: MARENCE | | City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ | | | | | | | | | |
| Project Name: Eysau Project Location: LEACS, NM | | Project Name: _____ Project Location: _____ | | | | | | | | | |
| Sampler Name: Adron Gantz | | Sampler Name: _____ | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | |
| Lab I.D. H2305810 Sample I.D. | CS-35 (4') | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: _____ ACID/BASE: _____ ICE / COOL OTHER: _____ | PRESERV. | SAMPLING | DATE TIME | ANALYSIS REQUEST | | | |
| | CS-36 (4') | ✓ | 1 | | | | | | ✓ | 12/8 | Chloride |
| | CS-37 (4') | ✓ | 1 | | | | | | ✓ | 12/8 | BTEX |
| | CS-38 (4') | ✓ | 1 | | | | | | ✓ | 12/8 | TPH |
| | CS-39 (4') | ✓ | 1 | | | | | | ✓ | 12/8 | ✓ |
| | CS-40 (4') | ✓ | 1 | | | | | | ✓ | 12/8 | ✓ |
| | CS-41 (4') | ✓ | 1 | | | | | | ✓ | 12/8 | ✓ |
| | CS-42 (4') | ✓ | 1 | | | | | | ✓ | 12/8 | ✓ |
| | CS-43 (4') | ✓ | 1 | | | | | | ✓ | 12/8 | ✓ |
| | CS-44 (4') | ✓ | 1 | | | | | | ✓ | 12/8 | ✓ |
| Relinquished By: Adron Gantz | | | | Received By: Shedrick | | | | | | | |
| Date: 12/8/23 | | | | Date: _____ | | | | | | | |
| Time: 1412 | | | | Time: _____ | | | | | | | |
| Delivered By: (Circle One) | | | | Observed Temp. °C: -1.12 | | | | | | | |
| Sampler - UPS - Bus - Other: | | | | Corrected Temp. °C: _____ | | | | | | | |
| Sample Condition | | | | CHECKED BY: SRZ (Initials) | | | | | | | |
| Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> | | | | | | | |
| Bacteria (only) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | Thermometer ID #140 24 HR | | | | | | | |
| Corrected Temp. °C: _____ | | | | Bacteria Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | |
| Sample Condition | | | | Observed Temp. °C: _____ | | | | | | | |
| Corrected Temp. °C: _____ | | | | Corrected Temp. °C: _____ | | | | | | | |



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(2 of 3)

| | | | |
|---|--|--|--|
| Company Name: TekTech Project Manager: Chuck Terhune Address: City: Phone #: Eriga 8717 666 Fax #: Project #: Project Owner: Project Name: Project Location: Lea Co. NM Sampler Name: Adnan Gads | | P.O. #: Company: TekTech Attn: Chuck Terhune Address: City: State: NM Zip: Project Owner: State: Zip: Phone #: Fax #: | |
| Lab I.D. HBUS80 Sample I.D. | | BILL TO | |
| FOR LAB USE ONLY Matrix: <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER: | | ANALYSIS REQUEST | |
| (G)RAB OR (C)OMP. <input checked="" type="checkbox"/> # CONTAINERS: 1 | | PRESERV: <input checked="" type="checkbox"/> DATE: 12/8 TIME: | |
| CS-45 (4') SW-14 SW-15 SW-16 SW-17 SW-18 SW-19 SW-20 SW-21 SW-22 | | Chloride BTEX TPH | |
| Relinquished By: Adnan Gads Date: 12/8/23 Time: | | Received By: Shedrick Young Date: 12/8/23 Time: | |
| Delivered By: (Circle One) UPS - Bus - Other: | | Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 24 HR Correction Factor 0°C | |
| Observed Temp. °C: -11.1 Corrected Temp. °C: | | Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: Corrected Temp. °C: | |
| REMARKS: | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: | |

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(3 of 3)

| | | | |
|---|--|--|--|
| Company Name: <u>Tetra Tech</u> Project Manager: <u>Chuck Terhove</u> Address: City: State: <u>NM</u> Zip: Phone #: <u>505 271 006</u> Fax #: Project #: Project Owner: Project Name: <u>La Co. NM</u> Project Location: <u>Adnan Garcia</u> Sampler Name: FOR LAB USE ONLY | | P.O. #: Company: <u>Tetra Tech</u> Attn: <u>Chuck Terhove</u> Address: City: State: Zip: Phone #: Fax #: | |
| Lab I.D. <u>HA30580</u> Sample I.D. | | BILL TO | |
| Date: <u>12/8/22</u> Time: <u>14:30</u> Date: <u>1/13</u> Time: | | ANALYSIS REQUEST | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Observed Temp. °C <u>-112</u> Corrected Temp. °C | |
| Reimquished By: <u>[Signature]</u> Received By: <u>[Signature]</u> | | CHECKED BY: <u>[Signature]</u> | |
| REMARKS: <u>customer requested sample be added to P.O.C. left over by mistake. See attached 1/13/23</u> | | Turnaround Time: <u>Standard</u> Thermometer ID #140 Correction Factor 0°C Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C | |



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December 13, 2023

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717-006

Enclosed are the results of analyses for samples received by the laboratory on 12/12/23 14:45.

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.

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



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 46 (4') (H236630-01)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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 | 4400 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 47 (4') (H236630-02)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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 | 2680 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 10.7 | 10.0 | 12/12/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 48 (4') (H236630-03)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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 | 2200 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 26.2 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 49 (4') (H236630-04)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 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 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 31.0 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | 10.6 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 50 (4') (H236630-05)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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 | 3440 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 11.7 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 51 (4') (H236630-06)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 29.7 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | 10.8 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 52 (4') (H236630-07)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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 |
| Chloride | 2400 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 11.8 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 53 (4') (H236630-08)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

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 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 54 (4') (H236630-09)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 21.4 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 55 (4') (H236630-10)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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 | 2800 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 19.2 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 56 (4') (H236630-11)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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 | 3440 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 30.2 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | 11.2 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 57 (4') (H236630-12)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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 | 3680 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 27.1 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 58 (4') (H236630-13)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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 | 3160 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 41.7 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | 18.7 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 59 (4') (H236630-14)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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 | 3000 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | 26.3 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 60 (4') (H236630-15)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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 | 512 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 61 (2') (H236630-16)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 |
| Chloride | 160 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 62 (2') (H236630-17)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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 | 160 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 63 (2') (H236630-18)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 | 160 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 64 (2') (H236630-19)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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 | 224 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | 10.9 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/12/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: CS 65 (2') (H236630-20)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.0233 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.40 | 120 | 2.00 | 7.59 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.54 | 127 | 2.00 | 10.2 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 7.67 | 128 | 6.00 | 11.1 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 |
| Chloride | 160 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 215 | 107 | 200 | 3.70 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/13/2023 | ND | 205 | 102 | 200 | 0.766 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 26 (H236630-21)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | QR-03 |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | QR-03 |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | QR-03 |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 | 96.0 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 27 (H236630-22)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 | 144 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | 11.2 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 28 (H236630-23)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 12/13/2023 | 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 | 12/12/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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
 CHUCK TERHUNE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 29 (H236630-24)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 | 192 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 30 (H236630-25)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 |
| Chloride | 176 | 16.0 | 12/13/2023 | 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 | 12/13/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/13/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/13/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 31 (H236630-26)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 | 224 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | 11.9 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 32 (H236630-27)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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 | 160 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | 10.9 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 33 (H236630-28)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 |
| Chloride | 160 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | 18.5 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 34 (H236630-29)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 | 128 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | 16.4 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Analytical Results For:

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

| | | | |
|-------------------|----------------------|---------------------|-----------------|
| Received: | 12/12/2023 | Sampling Date: | 12/11/2023 |
| Reported: | 12/13/2023 | Sampling Type: | Soil |
| Project Name: | EVGSAU 2717-006 | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02377 | Sample Received By: | Dionica Hinojos |
| Project Location: | MAVERICK - LEA CO NM | | |

Sample ID: SW 35 (H236630-30)

| 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 | 12/12/2023 | ND | 2.26 | 113 | 2.00 | 0.828 | |
| Toluene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.21 | 110 | 2.00 | 2.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/12/2023 | ND | 2.32 | 116 | 2.00 | 4.27 | |
| Total Xylenes* | <0.150 | 0.150 | 12/12/2023 | ND | 6.86 | 114 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 12/12/2023 | 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 | 160 | 16.0 | 12/13/2023 | 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 | 12/12/2023 | ND | 198 | 99.0 | 200 | 1.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/12/2023 | ND | 194 | 97.1 | 200 | 3.34 | |
| EXT DRO >C28-C36 | 16.2 | 10.0 | 12/12/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

Cardinal Laboratories

*=Accredited Analyte

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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

1 of 4

BILL TO

ANALYSIS REQUEST

| | |
|---------------------------------------|-----------------------------------|
| Company Name: <u>Tetra Tech</u> | P.O. #: |
| Project Manager: <u>Chuck Terhune</u> | Company: <u>Tetra Tech</u> |
| Address: | Attn: <u>Chuck Terhune</u> |
| City: | Address: |
| State: <u>NM</u> Zip: | City: |
| Phone #: | State: Zip: |
| Fax #: | Phone #: |
| Project #: <u>2717-006</u> | Fax #: |
| Project Name: <u>Evgsar</u> | Project Location: <u>Lea, Co</u> |
| Project Location: <u>Lea, Co</u> | Sampler Name: <u>Adrian Caras</u> |

| Lab I.D. | Sample I.D. | FOR LAB USE ONLY | | MATRIX | PRESERV | SAMPLING | TIME | ANALYSIS REQUEST |
|----------|-------------|-------------------|--------------|-------------|---------|----------|------|------------------|
| | | (G)RAB OR (C)OMP. | # CONTAINERS | | | | | |
| | | | | GROUNDWATER | | | | |
| | | | | WASTEWATER | | | | |
| | | | | SOIL | | | | |
| | | | | OIL | | | | |
| | | | | SLUDGE | | | | |
| | | | | OTHER: | | | | |
| | | | | ACID/BASE: | | | | |
| | | | | ICE / COOL | | | | |
| | | | | OTHER: | | | | |

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Relinquished By: [Signature] Date: 12/12 Received By: [Signature] Date: 12/12

Relinquished By: [Signature] Date: 14/15 Received By: [Signature] Date: 12/12

Delivered By: (Circle One) UPS Observed Temp. °C: 9.9 Corrected Temp. °C: 9.9

Sampler - UPS - Bus - Other: UPS Sample Condition: Intact Checked By: [Signature]

Turnaround Time: Standard Bacteria (only) Sample Condition: Intact

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 4

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| Company Name: <u>TetraTech</u> Project Manager: <u>Chuck Terhune</u> | | P.O. #: _____ Company: <u>TetraTech</u> Attn: <u>Chuck Terhune</u> | | BILL TO | | ANALYSIS REQUEST | |
| Address: _____ City: _____ State: <u>NM</u> Zip: _____ | | Project Owner: <u>Maverick</u> Project Name: <u>Evgasan 2717-006</u> Project Location: <u>Lea Co.</u> | | Address: _____ City: _____ State: _____ Zip: _____ | | | |
| Phone #: _____ Project #: _____ | | Project Location: <u>Lea Co.</u> Project Name: <u>Evgasan 2717-006</u> | | State: _____ Zip: _____ | | | |
| Project Location: <u>Lea Co.</u> Project Name: <u>Evgasan 2717-006</u> | | State: _____ Zip: _____ | | Phone #: _____ Fax #: _____ | | | |
| Sampler Name: <u>Adrian Garcia</u> | | FOR LAB USE ONLY | | | | | |
| Lab I.D. <u>HR30030</u> <u>SR-211</u> | | Sample I.D. | | | | | |
| CS 56 (4') CS 57 (4') CS 58 (4') CS 59 (4') CS 60 (4') CS 61 (2') CS 62 (2') CS 63 (2') CS 64 (2') CS 65 (2') | | (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : | | ACID/BASE: ICE / COOL OTHER : | | PRESERV. SAMPLING | |
| DATE: <u>12/12</u> TIME: <u>1445</u> | | DATE: <u>2023</u> TIME: <u>12/12</u> | | DATE: <u>12/12</u> TIME: _____ | | Chloride TPH BTEX | |
| Relinquished By: <u>Adrian Garcia</u> | | Received By: <u>Adrian Garcia</u> | | Turnaround Time: _____ Standard <input type="checkbox"/> <u>RUSH</u> <input type="checkbox"/> | | Bacteria (only) <input type="checkbox"/> <u>Standard</u> <input type="checkbox"/> | |
| Date: <u>12/12</u> Time: <u>1445</u> | | Date: _____ Time: _____ | | Thermometer ID #140 Correction Factor 0°C | | Sample Condition Observed Temp. °C Corrected Temp. °C | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Observed Temp. °C: <u>9.9°C</u> Corrected Temp. °C: _____ | | Checked By: (Initials) <u>ATG</u> | | Bacteria Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Relinquished By: _____ | | Received By: _____ | | Turnaround Time: _____ Standard <input type="checkbox"/> <u>RUSH</u> <input type="checkbox"/> | | Bacteria (only) <input type="checkbox"/> <u>Standard</u> <input type="checkbox"/> | |
| Date: _____ Time: _____ | | Date: _____ Time: _____ | | Thermometer ID #140 Correction Factor 0°C | | Sample Condition Observed Temp. °C Corrected Temp. °C | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Observed Temp. °C: _____ Corrected Temp. °C: _____ | | Checked By: (Initials) _____ | | Bacteria Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | |

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 4

BILL TO

ANALYSIS REQUEST

Company Name: Tehateva
 Project Manager: Chuck Terhune
 Address: _____
 City: _____ State: NM Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: Erygan 2717-006
 Project Location: Lea Co NM
 Sampler Name: Adnan Gaur
 P.O. #: _____ Company: Tehateva
 Attn: Chuck Terhune
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | PRESERV. | DATE | TIME | ANALYSIS REQUEST |
|-----------------|-----------------|-------------------|--------------|-------------|------------|------|-----|--------|--------|--------------|------|-----------------|------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | | | | |
| <u>H8310030</u> | 25 | | | | | | | | | | | | |
| | <u>21 SW 26</u> | | <u>6</u> | | | | | | | <u>12/11</u> | | <u>Chloride</u> | |
| | <u>22 SW 27</u> | | | | | | | | | | | <u>TPH</u> | |
| | <u>23 SW 28</u> | | | | | | | | | | | <u>BTEX</u> | |
| | <u>24 SW 29</u> | | | | | | | | | | | | |
| | <u>25 SW 30</u> | | | | | | | | | | | | |
| | <u>26 SW 31</u> | | | | | | | | | | | | |
| | <u>27 SW 32</u> | | | | | | | | | | | | |
| | <u>28 SW 33</u> | | | | | | | | | | | | |
| | <u>29 SW 34</u> | | | | | | | | | | | | |

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Relinquished By: [Signature] Date: 12/11
 Relinquished By: [Signature] Date: 1/4/25
 Received By: [Signature]
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:

Delivered By: (Circle One) g.garc Observed Temp. °C 9.90c Corrected Temp. °C _____
 Sampler - UPS - Bus - Other: _____
 Sample Condition: Intact Cool Yes No Intact Yes No
 CHECKED BY: [Signature]
 Turnaround Time: _____ Standard Rush
 Thermometer ID #140 24 hr. Bacteria (only) Cool Intact Yes No Intact Yes No
 Corrected Temp. °C _____

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4 of 4

| | | | | | |
|--------------------------------|--|---------------------|--|------------------|--|
| Company Name: Tetatech | | P.O. #: | | ANALYSIS REQUEST | |
| Project Manager: Chuck Terhune | | Company: Tetatech | | | |
| Address: | | Attn: Chuck Terhune | | | |
| City: | | Address: | | | |
| State: NM zip: | | City: | | | |
| Phone #: | | Address: | | | |
| Fax #: | | City: | | | |
| Project #: | | State: | | | |
| Project Name: Ergs 2117-006 | | Zip: | | | |
| Project Location: Lea Co NM | | Phone #: | | | |
| Sampler Name: Adam Gao | | Fax #: | | | |
| FOR LAB USE ONLY | | | | | |
| Lab I.D. H8341030 | | Sample I.D. SW 35 | | | |
| | | (G)RAB OR (C)OMP | | | |
| | | # CONTAINERS | | | |
| | | GROUNDWATER | | | |
| | | WASTEWATER | | | |
| | | SOIL | | | |
| | | OIL | | | |
| | | SLUDGE | | | |
| | | OTHER: | | | |
| | | ACID/BASE: | | | |
| | | ICE / COOL | | | |
| | | OTHER: | | | |
| | | DATE | | 12/11 | |
| | | TIME | | 9:05 | |
| | | X | | Chloride | |
| | | X | | TPH | |
| | | X | | BTEX | |

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Relinquished By: *Adam Gao* Date: 12/12 Time: 1:45
 Received By: *Adam Gao* Date: 12/11 Time: 9:05

Delivered By: (Circle One) Observed Temp. °C: 89°C Corrected Temp. °C:
 Sampler - UPS - Bus - Other: Cool Intact: Yes No

Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Corrected Temp. °C

Vertical Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:

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

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

ATTACHMENT 5 – PHOTOGRAPHIC DOCUMENTATION



☀ 187°S (T) ● 32.800873°N, 103.439677°W ±13ft ▲ 3930ft



Excavation
Maverick - P&A wells

EvgSau 2717-006
11 Dec 2023, 14:07:06



☀ 6°N (T) ● 32.800338°N, 103.439866°W ±13ft ▲ 3927ft



Excavation
Maverick

Evgsau 2717-006
11 Dec 2023, 14:09:37



☀ 360°N (T) ● 32.800741°N, 103.439948°W ±13ft ▲ 3925ft



Excavation
Maverick

EvgSau 2717-006
11 Dec 2023, 14:11:15

SE

S

SW

W

120

150

180

210

240

270

☀ 194°S (T) ● 32.800966°N, 103.439615°W ±13ft ▲ 3897ft

Released to Imaging: 3/20/2024 9:12:39 AM

Received by OCD: 3/13/2024 10:44:31 AM



Excavation Backfill
Maverick

EVGSAU 2717-006
20 Dec 2023, 10:42:44

Page 168 of 179



☀ 240°SW (T) ● 32.800964°N, 103.439665°W ±9ft ▲ 3923ft



Excavation Backfill
Maverick

EVGSAU 2717-006
20 Dec 2023, 10:50:51

Assessment, Remediation, and Closure Report
Maverick Permian, LLC
EVGSAU 2717-006 Wellhead Release
Incident ID: nPAC0801030962

January 31, 2024

ATTACHMENT 6 – SEED MIXTURE DETAILS

NMSLO Seed Mix

Loamy (L)

LOAMY (L) SITES SEED MIXTURE:

| COMMON NAME | VARIETY | APPLICATION RATE (PLS/Acre) | DRILL BOX |
|---------------------------------|--------------------|-----------------------------|-----------|
| Grasses: | | | |
| Black grama | VNS, Southern | 1.0 | D |
| Blue grama | Lovington | 1.0 | D |
| Sideoats grama | Vaughn, El Reno | 4.0 | F |
| Sand dropseed | VNS, Southern | 2.0 | S |
| Alkali sacaton | VNS, Southern | 1.0 | |
| Little bluestem | Cimarron, Pastura | 1.5 | F |
| Forbs: | | | |
| Firewheel (<i>Gaillardia</i>) | VNS, Southern | 1.0 | D |
| Shrubs: | | | |
| Fourwing saltbush | Marana, Santa Rita | 1.0 | D |
| Common winterfat | VNS, Southern | 0.5 | F |
| Total PLS/acre | | 18.0 | |

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
 VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



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 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 318437

QUESTIONS

| | |
|--|--|
| Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002 | OGRID: 331199 |
| | Action Number: 318437 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nPAC0801030962 |
| Incident Name | NPAC0801030962 EVGSAU 2717-006 @ 30-025-20835 |
| Incident Type | Natural Gas Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-025-20835] EAST VACUUM (GSA) UNIT #006 |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|-----------------|
| Site Name | EVGSAU 2717-006 |
| Date Release Discovered | 12/23/2007 |
| Surface Owner | State |

Incident Details

Please answer all the questions in this group.

| | |
|--|---------------------|
| Incident Type | Natural Gas Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

| | |
|--|--|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Well Crude Oil Released: 5 BBL Recovered: 1 BBL Lost: 4 BBL. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Well Produced Water Released: 21 BBL Recovered: 9 BBL Lost: 12 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | On Sunday December 23,2007 at 1300 hrs, a leak was discovered coming from the stuffing box of EVGSAU 2717-006, which is located 1 mile east of the Buckeye Production Office. Amount spilled was 5 bbls of oil and 21 bbls of produced water. The spill was not contained and affected 110' X 250' of pad and pasture. No cattle were in the area at the time of the release. The site will be remediated in accordance with NMOCD guidelines. |

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

QUESTIONS, Page 2

Action 318437

QUESTIONS (continued)

| | |
|--|--|
| Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002 | OGRID: 331199 |
| | Action Number: 318437 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

| | |
|--|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| <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.</i> | |

Initial Response

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

| | |
|--|----------------------|
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | <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: Chuck Terhune Email: chuck.terhune@tetrattech.com Date: 03/13/2024 |
|--|--|

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QUESTIONS, Page 3

Action 318437

QUESTIONS (continued)

| | |
|--|--|
| Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002 | OGRID: 331199 |
| | Action Number: 318437 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after 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 51 and 75 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Greater than 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between ½ and 1 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between ½ and 1 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 500 and 1000 (ft.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | Yes |

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) | 4260 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 1020 |
| GRO+DRO (EPA SW-846 Method 8015M) | 631 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0.1 |
| 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 | 11/21/2023 |
| On what date will (or did) the final sampling or liner inspection occur | 12/22/2023 |
| On what date will (or was) the remediation complete(d) | 12/12/2023 |
| What is the estimated surface area (in square feet) that will be reclaimed | 36000 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 5475 |
| What is the estimated surface area (in square feet) that will be remediated | 36000 |
| What is the estimated volume (in cubic yards) that will be remediated | 5475 |

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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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 4

Action 318437

QUESTIONS (continued)

| | |
|--|--|
| Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002 | OGRID: 331199 |
| | Action Number: 318437 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

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 off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | 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: Chuck Terhune Email: chuck.terhune@tetrattech.com Date: 03/13/2024 |
|--|--|

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 318437

QUESTIONS (continued)

| | |
|--|---|
| Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002 | OGRID: 331199 |
| | Action Number: 318437 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

| | |
|---|----|
| Deferral Requests Only | |
| <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 318437

QUESTIONS (continued)

| | | |
|--|----------------|---|
| Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002 | OGRID: | 331199 |
| | Action Number: | 318437 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

QUESTIONS

| | |
|---|-------------------|
| Sampling Event Information | |
| Last sampling notification (C-141N) recorded | 322827 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 12/12/2023 |
| What was the (estimated) number of samples that were to be gathered | 30 |
| What was the sampling surface area in square feet | 10000 |

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 | 30000 |
| What was the total volume (cubic yards) remediated | 4096 |
| 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 | 30000 |
| What was the total volume (in cubic yards) reclaimed | 4096 |
| Summarize any additional remediation activities not included by answers (above) | None |

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: Chuck Terhune Email: chuck.terhune@tetrattech.com Date: 03/13/2024 |
|--|--|

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QUESTIONS, Page 7

Action 318437

QUESTIONS (continued)

| | |
|--|---|
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| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|----|
| Reclamation Report | |
| <i>Only answer the questions in this group if all reclamation steps have been completed.</i> | |
| Requesting a reclamation approval with this submission | No |

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CONDITIONS

Action 318437

CONDITIONS

| | | |
|--|----------------|---|
| Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002 | OGRID: | 331199 |
| | Action Number: | 318437 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| amaxwell | Remediation closure approved. | 3/20/2024 |
| amaxwell | 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. 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. | 3/20/2024 |