

Remediation Closure Report

EVGSAU 2717-006 Flowline Release API # 30-025-20835

Responsible Party	Maverick Permian LLC (331199)
Responsible Party Contact	Bryce Wagoner - bwagoner@dgoc.com
Document Submitter	Nick Hart – Nick.Hart1@tetrattech.com
API or Facility ID Number	30-025-20835
NMSLO Lease Number and Lessee	B014040006 – Occidental Permian Limited Partnership
ROE for Remediation	Not Applicable
NMOCD Incident Number	nAPP2413458571
PLSS	P-27-17S-35E
County	Lea
Latitude and Longitude	32.801345°, -103.439642°
Reason for Project	Remediation Closure Report

Tetra Tech, Inc. has prepared this Remediation Closure Report in accordance with the New Mexico State Land Office Environmental Compliance Office "Report Format for Submittals" document dated December 31, 2025. This closure report presents the required information and proposed remediation activities in strict accordance with the prescribed format.

Sincerely,



Nick Hart
Project Manager
Tetra Tech, Inc.



Chris Straub
Program Manager
Tetra Tech, Inc.



September 24, 2026

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1.0 INTRODUCTION

This Remediation Closure Report addresses a crude oil and produced water release that occurred on May 13, 2024, on New Mexico State Land associated with the EVGSAU 2717-006 Release (Site). This site is located approximately 3.81 miles east of Buckeye, New Mexico. The Site is located in Unit Letter P, Section 27, Township 17 South, and Range 35 East, Lea County, New Mexico, at coordinates 32.801345°, -103.439642°. The site location map and topographic map are shown in **Figures 1** and **2**.

The Site and surrounding area are on State Trust Land managed by the New Mexico State Land Office (NMSLO). A review of the NMSLO Land Status Map was completed, and the Site is located within an active oil and gas lease ID B014040006, listed under Occidental Permian Limited Partnership.

At this Site, remediation was conducted in accordance with 19.15.29.12 NMAC.

2.0 SITE HISTORY

The EVGSAU 2717-006 well was initially spudded on September 25, 1979, by Phillips Petroleum Company. The well was transferred to ConocoPhillips Company on January 1, 2003, and then to Maverick Permian LLC on June 7, 2022. The well status is currently listed as "Active"

2.1 NMOCD RECORDS

Based on the OCD Permitting online records search performed by Tetra Tech, there are no additional known release incidents on record associated with the EVGSAU 2717-006 well. A copy of the OCD Permitting well details is included in **Appendix A**.

According to the New Mexico Oil Conservation District (NMOCD) online OCD Permitting **nAPP2413458571** Incident Details, on May 13, 2024, Maverick reported corrosion from a flowline, which released 12 barrels (bbls) of produced water and 3 barrels (bbls) of crude oil, affecting one 20-ft by 45-ft by 6-inch-deep area. According to available information, approximately 10 barrels (bbls) of fluid were recoverable during the initial response. The Incident ID assigned to this release is nAPP2413458571, and based on the release narrative, the release is understood to have occurred on the facility pad, then moved to the northeast into the adjacent pasture and onto the adjacent lease access road as shown in **Figure 3** and discussed below.

2.2 CURRENT SITE CONDITIONS

Tetra Tech personnel conducted an initial visual site assessment on behalf of Maverick at the release area in October 2024 to evaluate current conditions at the Site. During this visit, Tetra Tech personnel observed light soil staining and chloride precipitates on the surface soils of the facility pad, pasture, and adjacent lease road. Also observed was a lack of uniform vegetation cover in the pasture directly north of the pad and directly east of the lease road.

Ensolum Environmental (Ensolum) was initially contracted to mobilize to the Site in June 2024 to conduct soil sampling to achieve vertical and horizontal delineation of the release. The area has been identified from previous desktop review and correspondence with Maverick (see **Figure 3**).

Based on a desktop review using Google Earth, there is no imagery available related to the EVGSAU 2717-006 Flowline release on the facility pad, pasture, and adjacent lease road for incident nAPP2413458571 that shows soil staining. There is clear evidence of scarred vegetation in the previously mentioned pasture areas, some surface soil discoloration, and surface soil chloride precipitants visible in field-documented photos by Tetra Tech. The area on Google Earth that shows a lack of uniform vegetation cover directly north of the well pad is likely a previously disturbed area and will be interseeded and addressed during reclamation activities. The EVGSAU 2717-006 flowline release area is an arrow-shaped area, approximately 21,106 square feet, on the majority of the well pad and some pastureland.

Based on observations made by Tetra Tech during initial site assessment activities, the impacted area and soils appeared to consist of light brown to tan, loose sands. Visible soil staining and chloride precipitates were observed during the initial October 2024 site assessment by Tetra Tech, and current site conditions can be seen in field photos with vegetation scarring north of the well pad. Several surface steel flowlines and buried electrical conduit lines were observed running parallel and perpendicular to the release site. **Appendix B** provides photographic documentation of the Site.

3.0 CULTURAL RESOURCES REVIEW

To meet the requirements for performing remediation activities on State Trust Lands, compliance with the cultural properties protection rule and legal authorization to work on State Trust Lands must be addressed. The New Mexico Administrative Code (NMAC) 19.2.24.8 states "Any persons engaged in activities on state trust lands are subject to the requirements of the Cultural Properties Act, the Cultural Properties Protection Act, and 19.2.24.13 NMAC. Persons shall not disturb, dislodge, damage, destroy, or remove any cultural properties on state trust lands. Any project on state trust lands that has the potential to directly or indirectly damage cultural properties is additionally subject to the requirements of Subsections B, C, D, and E of 19.2.24.8 NMAC."

Most of the initial delineation activities and remediation activities took place in previously disturbed lands. Work was, however, going to extend into portions of undisturbed areas; thus, Maverick contracted a third-party archaeological subcontractor to conduct a review prior to initiating the work. No findings were encountered during the survey.

To comply with 1.10.15 NMAC and New Mexico State Land Office (NMSLO) requirements, Beaver Creek Archaeology, on behalf of Ensolum, conducted an Archaeological Survey for the Site under New Mexico Cultural Resources Information System (NMCRIIS). The Archeological Survey findings under NMCRIIS Activity Number 153975 were reported as Negative – No further archaeological review is required for the project area within NMSLO-managed lands on and surrounding the EVGSAU 2717-006 Flowline remediation project site on lease number B014040006. No subsurface cultural materials were encountered during remediation activities. The NMSLO Cultural Resource Cover Sheet is provided in **Appendix C**.

4.0 BIOLOGICAL COMPLIANCE

Per NMSLO guidelines, a desktop review was conducted in the release area for biologically sensitive areas. Tetra Tech reviewed the U.S. Fish & Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) tool, the New Mexico Department of Game and Fish NMDGF Environmental Review Tool (ERT).

The IPaC database lists no critical habitats at the Site Location. The ERT lists the Site with a CHAT score of 5.

The project site appears to be 9.45 miles from the dune sagebrush lizard (DSL) habitat. The Site is 9.36 miles from the isolated population habitat area for the lesser prairie chicken (LEPC). The following best management practices were implemented within the areas for remediation:

- Earthen ramps (built at no more than a 30-degree slope and placed no more than 500 feet apart) will be placed in new excavation(s) in the event of a potential DSL habitation.
- If an LEPC is observed during construction, the following protocols will be followed:
 - The Field Supervisor/Crew Leader will be contacted and provided the following information:
 - Observer, date, and time of observation;
 - Location of observation along the Project route (GPS coordinates); and
 - Number of individual birds observed.
 - The Field Supervisor/Crew Leader will contact the Tetra Tech Project Manager and/or a Tetra Tech Biologist/Prairie-chicken specialist;
 - The Project Manager will contact the appropriate federal and non-governmental organization (NGO) agencies:
 - United States Fish and Wildlife Services (USFWS); and
 - Center for Excellence in Hazardous Materials Management (CEHMM).

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The biological assessment documentation is included in **Appendix D**.

5.0 SITE CHARACTERIZATION

Tetra Tech performed a Site characterization that identified no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, stream bodies, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of low karst potential. The site characterization data is included in **Appendix E**.

5.1 GROUNDWATER

According to the New Mexico Office of the State Engineers (NMOSE) reporting system and the United States Geological Survey (USGS), the following known water wells are recorded within a ½-mile radius of the Site with available water level data:

- L 13479 POD 1 is located 0.4 miles southwest of the Site, has a depth to groundwater of 70 feet below ground surface (bgs), and was drilled in 2013.
- L 04859 is located 0.14 miles southeast of the Site, has a depth to groundwater of 85 feet below ground surface (bgs), and was drilled in 1962. Plugged 1963.
- L 04881 is located 0.34 miles northeast of the Site, has a depth to groundwater of 50 feet below ground surface (bgs), and was drilled in 1962. Plugged 1964.

5.2 WETLANDS

Readily available data were reviewed to determine the Site's status with respect to wetland designation and the presence of potential wetlands. The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Wetlands Interactive Mapper and the Open Enviro Map were queried to determine if any potential wetlands are mapped in the vicinity of the remediation location. Based on the wetland review, the Site has no wetland features or within 300 feet of the remediation area.

5.3 SITE REMEDIATION CRITERIA

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 were used to determine recommended remedial action levels for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX), Total Petroleum Hydrocarbons (TPH), and chloride in soil.

In accordance with the NMOCD guidance Procedures for Implementation of the Spill Rule (19.15.29 NMAC) (September 6, 2019), the following remediation requirements applied for the Site remediation:

Closure Criteria for Soils Impacted by a Release

Constituent	Remediation Requirements
Chloride	10,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

Additionally, in accordance with the New Mexico Oil Conservation District (NMOCD) guidance *Procedures for Implementation of the Spill Rule (19.15.29 NMAC)* (September 6, 2019), the following reclamation requirements for surface soils (0-4 feet bgs) are as follows:

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Reclamation Requirements

Constituent	Remediation Requirements
Chloride	600 mg/kg
TPH	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

5.4 SOIL PROFILE

The U.S. Department of Agriculture (USDA) Natural Resources Conservation Services (NRCS) Web Soil Survey mapper was utilized to identify the native soil and determine the soil profile for the site. Soils at the Site are comprised of Kimbrough gravelly loam, dry, 0 to 3 percent slopes (100%). The typical soil profile for the Kimbrough-Lea complex is as follows:

- A - 0 to 3 inches: gravelly loam.
- Bw - 3 to 10 inches: loam.
- Bkkm1 - 10 to 16 inches: cemented material.
- Bkkm2 - 16 to 80 inches: cemented material.

The custom soil resource report is included in **Appendix G**. No sensitive soil profiles were identified in the soil review.

6.0 SITE ASSESSMENT

On behalf of Maverick, Ensolum Environmental (Ensolum) was initially contracted to conduct a field screening delineation event at the Site in June, 2024, to identify the extent of the release and provide evidence of elevated salinity concentrations and TPH in soil within the release footprint.

Based upon the initial extent provided by Ensolum, the release area footprint was mapped as approximately 21,106 square feet of the lease pad, and to the northeast, the adjacent pasture and lease access road. On June 6 and 7, 2024, Ensolum installed a total of ten (10) borings to achieve horizontal delineation of the release. Soil SS07 through SS09 were advanced within the footprint of the release, and soil borings SS01 through SS06 and SS10 were advanced along the perimeter of the reported release extent to depths ranging from 0 to 0.5-foot bgs. Soil Assessment boring locations are detailed in **Table 1** and depicted in **Figure 3**.

Results from the site assessment soil sampling event are summarized in **Table 2**. The laboratory reported concentrations of BTEX, TPH, and chloride as less than the Reclamation Requirements in horizontal delineation samples SS01 through SS07. The remaining samples, SS08, SS09, and SS10, had TPH and chloride concentrations exceeding the Reclamation Requirement.

To achieve vertical delineation of the release extents, Ensolum conducted an additional soil assessment on August 8, 2024. Soil samples were collected from initial soil boring locations SS06, SS07, SS08, SS09, and SS10 at a maximum depth of 4 ft bgs to evaluate the vertical extent of the release. These additional delineation activities were necessary to properly characterize the extent of the release and any associated impacts in the vicinity.

The analytical results of samples collected at depths ranging from 1-2 feet below ground surface (bgs) associated with the SS06, SS07, and SS08 locations on the well pad, and the SS09 location, lease access road northeast of the pad, reported concentrations of TPH and Chloride less than the applicable Reclamation Requirements. TPH and Chloride analytical results from soil samples collected from the SS10 location at a depth of 2-foot bgs were reported at concentrations greater than Reclamation Requirements. However, analytical results for TPH and Chloride were below the Reclamation Requirements for samples collected at a depth of 4 feet bgs at the SS10 boring location. Results from the Additional Site Assessment soil sampling event are summarized in **Table 2**. A

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copy of the laboratory analytical report and chain-of-custody documentation is included in **Appendix F**. Photographic documentation of the initial assessment is provided in **Appendix B**.

7.0 REMEDIATION SCOPE OF WORK

7.1 REMEDIATION TECHNIQUES

Based on the analytical results from the initial assessment, excavation activities commenced on October 21, 2024, and concluded on March 6, 2025. Maverick's subcontractor, McNabb Partners (McNabb), used heavy equipment to excavate impacted soil from the remediation area to a maximum depth of 4 to 5 feet bgs. To avoid potential contact with pressurized lines within the remediation area, heavy equipment was maintained at least 2 feet from such lines when hydro-excavation and hand-digging were employed.

Maverick excavated and disposed of 2,510 cubic yards of contaminated material within the release and surrounding area until confirmation samples demonstrated impacts above the established Site Remediation Criteria, and remediation within the release footprint, both laterally and vertically, was achieved. Excavated soils were transported offsite and disposed of at R360 Halfway Disposal and Landfill in Hobbs, New Mexico. Photographs of the final excavation are provided in **Appendix B**.

7.2 CONFIRMATION SAMPLING PLAN

Upon completion of the excavations, confirmation samples were taken as five (5)- point composite samples, representing an area no greater than 200 square feet from the bottom of the excavation and 200 square feet from the sidewalls of the excavation, to comply with 19.15.29.12 NMAC.

Upon reaching the final lateral and vertical excavation extents, Tetra Tech collected 121 final confirmation samples, including 77 five-point composite floor samples and 44 five-point composite side wall samples from the excavated areas. The remediation excavation was a 4-foot-deep excavation with an approximately 15,401-square-foot base and 1,310 square feet of sidewall, for a total area of 16,711 square feet. From this area, 121 confirmation samples were collected at a sampling density of approximately one sample per 200 square feet.

All confirmation samples were submitted to Cardinal Laboratory in Hobbs, New Mexico, for laboratory analysis of BTEX by Method 8021B, TPH by Method 8015M, and chloride by Method SM4500 Cl-B. Laboratory analytics showed that all confirmation sample concentrations were below the Site Remediation Criteria. Analytical results are summarized in **Tables 3 and 4**, and laboratory data packages, including chain-of-custody documentation and remediation confirmation sampling, are included in **Appendix F**. Confirmation sampling locations and excavation extents are shown in **Figure 4**.

SAMPLING NOTIFICATION

The NMSLO ECO was notified at least 2 days prior to sampling via email submission to eco@nmslo.gov. Electronic C-141N sampling notifications were submitted to the NMOCD concurrently, in accordance with 19.15.29.12 NMAC.

On October 8, 2024, Tetra Tech notified the NMOCD of the anticipated initial confirmation sampling through the submission of a C-141N Sampling Notification submission in the NMOCD Permitting portal and provided subsequent C-141N Sampling Notification submissions through the NMOCD Permitting portal up to and including final confirmation sampling at the Site performed on March 6, 2025. Sampling notification was conducted in accordance with 19.15.29.12(D)(1)(a) NMAC and the Energy, Minerals and Natural Resources Department (EMNRD) *Notice Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions* dated December 1, 2023. Sample notifications are available in the NMOCD Portal under Incident ID nAPP2413458571.

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7.3 BACKFILL, RECONTOURING, AND EROSION CONTROL

Once final analytical results were received and demonstrated clean margins, the pad excavation was then backfilled with approximately 2,900 cubic yards of clean caliche and excavated pasture areas with clean topsoil to surface grade, sourced from a local supplier, Seth Boyd Pit, to match the native soil horizons at the Site, as identified above. Backfill material will be sampled and the sample submitted for laboratory analysis to demonstrate it does not contain BTEX, TPH, or chloride at concentrations greater than the established Site Remediation Criteria.

Disturbed pasture areas were recontoured to restore the original landform, as near as possible. The active oil well pad was restored with a caliche base, as referenced above. Erosion control management consisted of surface soil roughening using disking or tilling implements to build small ridges and valleys perpendicular to the prevailing wind. Soil roughening involves increasing the relief of a bare soil surface with horizontal grooves by either stair-stepping (running parallel to the land contour) or using construction equipment to track the surface.

7.4 RESEEDING PLAN

Seeding was conducted no more than two weeks following completion of final seedbed preparation. A certified weed-free seed mix designed by the NMSLO to meet reclamation standards was used. Based on the soils at the Site, the New Mexico State Land Office (NMSLO) Loamy (L) Seed Mixture was used for seeding and planted in the amount specified in pounds pure live seed (PLS) per acre as shown in **Appendix G**. The seed mixture will be spread by a drill equipped with a depth regulator or a hand-held broadcaster and raked or harrowed in. When a hand-held broadcaster was used for dispersal, the pounds of pure live seed per acre were doubled in accordance with the seed mixture application specifications.

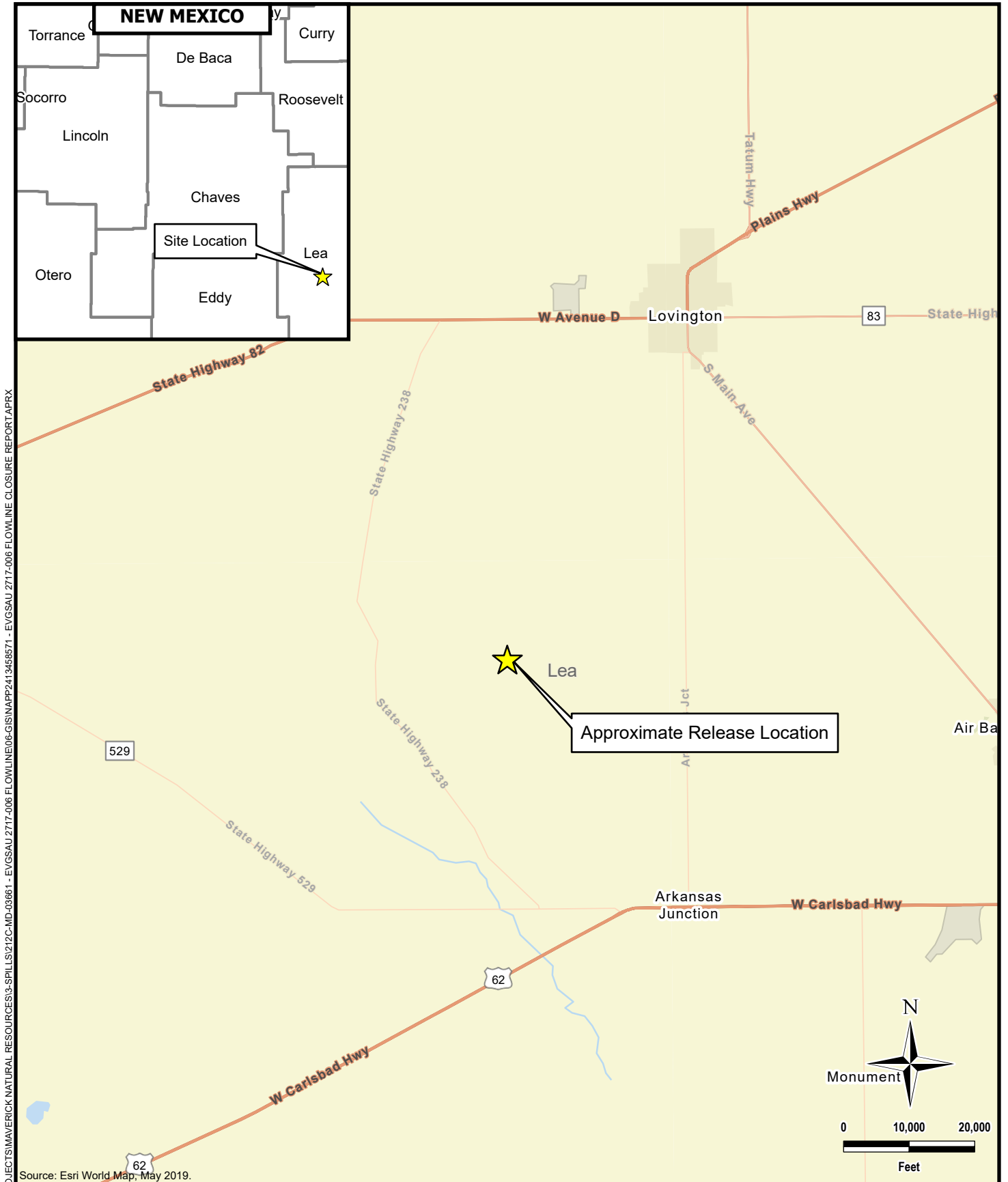
8.0 CONCLUSION

The Remediation Closure Report presents an assessment methodology that evaluates any residual impacts from the release and, based on the assessment results, conducts the necessary remediation to remove impacted materials from the Site to meet current remediation/reclamation standards.

Based on the results of the confirmation sampling, the impacted soil within the release footprint with TPH, BTEX, or 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 caliche, compacted, and regraded to match pre-release conditions. Therefore, Site remediation is complete. Reclamation and revegetation at the Site will be conducted at the end of the life of the EVGSAU 2717-006 Flowline Release well and tank battery facility during well and facility reclamation. If you have any questions concerning the contents of this closure request, please contact Chris Straub by email at Chris.Straub@tetrattech.com or by phone at (737) 397-6243.

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FIGURES



MAVERICK
NATURAL RESOURCES



SITE LOCATION MAP
nAPP2413458571
EVGSAU 2717-006 FLOWLINE RELEASE
(32.802098°, -103.44093°)
LEA COUNTY, NEW MEXICO

Figure No.

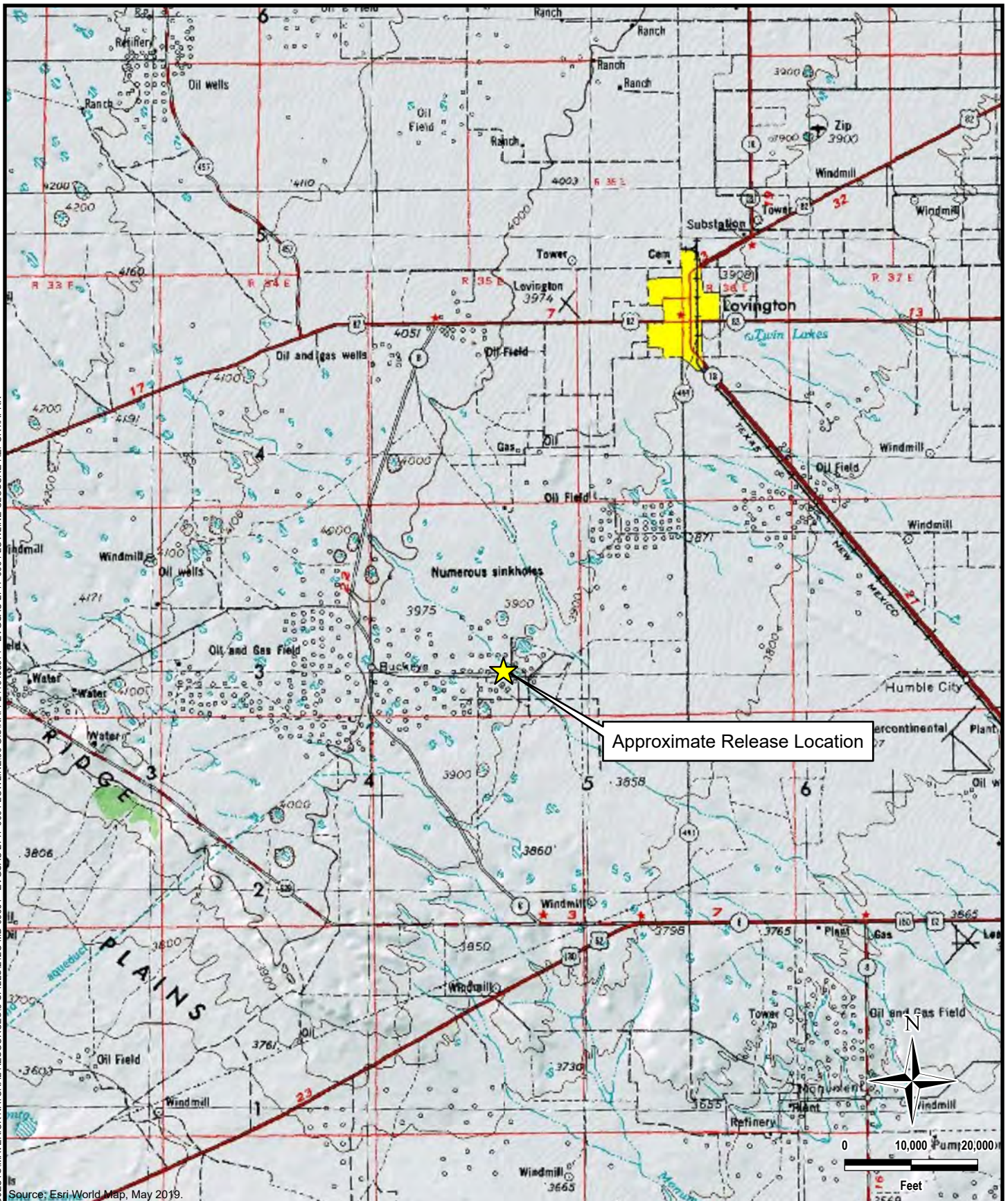
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DATE: 3/27/2025

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MAVERICK
NATURAL RESOURCES



TOPOGRAPHIC MAP
nAPP2413458571
EVGSAU 2717-006 FLOWLINE RELEASE
(32.802098°, -103.44093°)
LEA COUNTY, NEW MEXICO

Figure No.

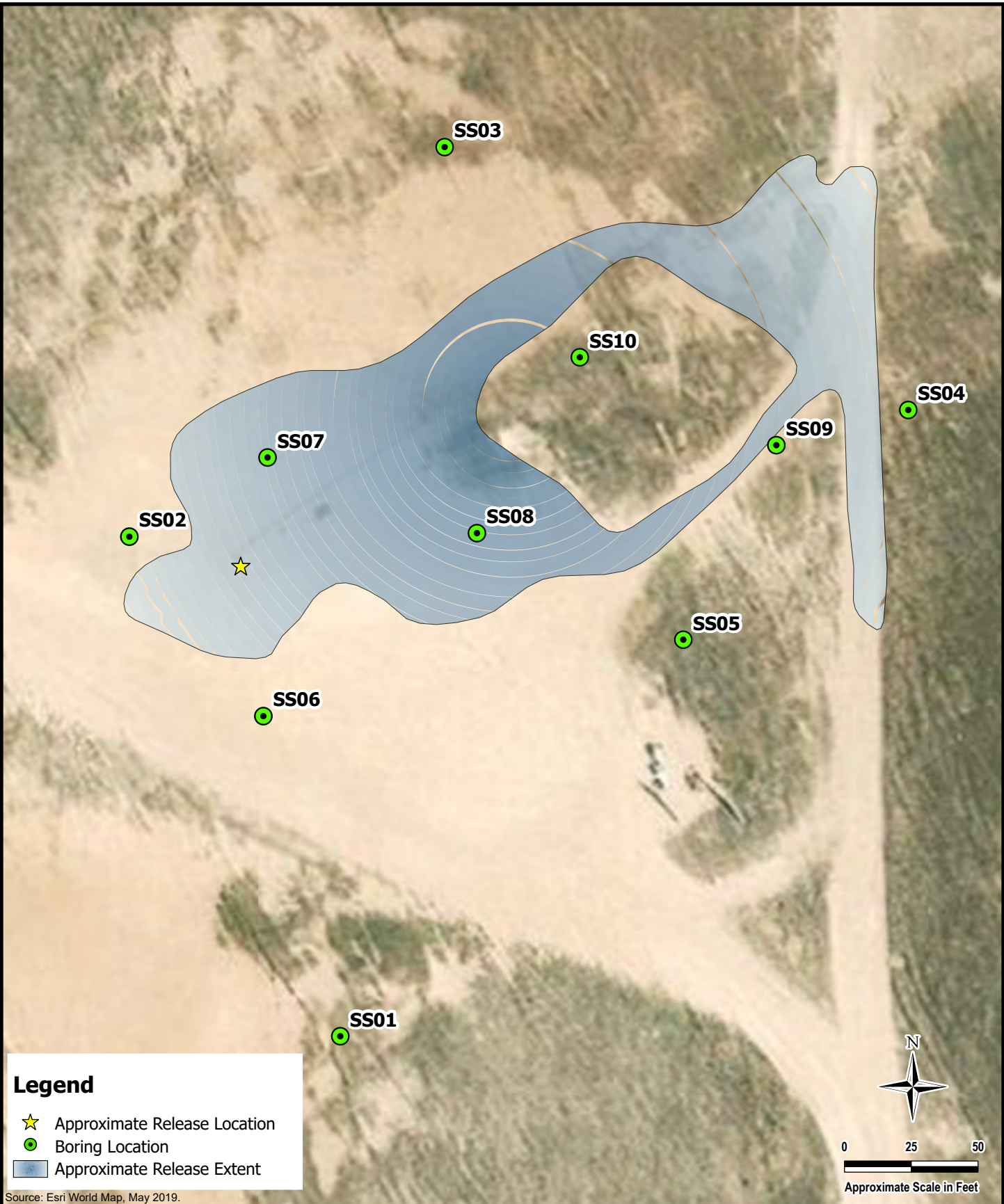
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MAVERICK
NATURAL RESOURCES



RELEASE EXTENT AND SITE ASSESSMENT

nAPP2413458571
EVGSAU 2717-006 FLOWLINE RELEASE
(32.802098°, -103.44093°)
LEA COUNTY, NEW MEXICO

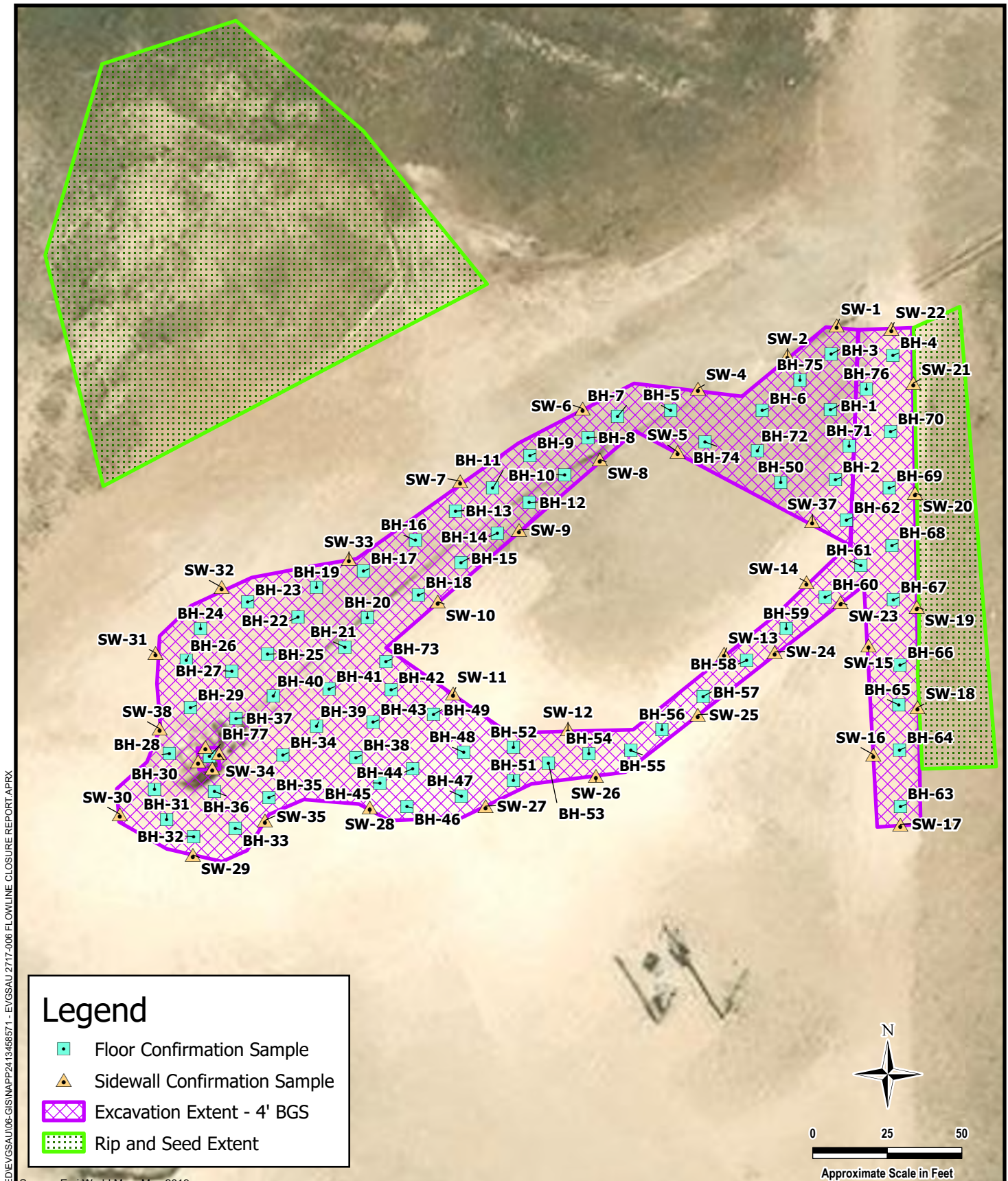
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MAVERICK
NATURAL RESOURCES



REMEDIATION EXTENT AND CONFIRMATION SAMPLING

nAPP2413458571
EVGSAU 2717-006 FLOWLINE RELEASE

(32.802098°, -103.44093°)
LEA COUNTY, NEW MEXICO

Figure No.

4

PROJECT NO.: 212C-MD-03661

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TABLES

**TETRA TECH**

TABLE 1
SOIL ASSESSMENT LOCATIONS
INCIDENT ID NAPP2413458571
MAVERICK PERMIAN, LLC
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LEA COUNTY, NEW MEXICO

Boring ID	Date	Latitude	Longitude
SS01	6/7/2024	32.800789	-103.439628
SS02	6/6/2024	32.801301	-103.439844
SS03	6/7/2024	32.801700	-103.439521
SS04	6/6/2024	32.801430	-103.439046
SS05	6/7/2024	32.801195	-103.439276
SS06	6/6/2024	32.801117	-103.439706
SS07	6/6/2024	32.801382	-103.439702
SS08	6/6/2024	32.801304	-103.439488
SS09	6/6/2024	32.801394	-103.439181
SS10	6/6/2024	32.801485	-103.439382



TABLE 2
SUMMARY OF ANALYTICAL RESULTS
INITIAL ASSESSMENT SAMPLING - INCIDENT nAPP2413458571
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 FLOWLINE 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		Total TPH (GRO+DRO+EXT DRO)	
		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀	Q	> C ₁₀ - C ₂₈	Q	> C ₂₈ - C ₃₆	Q			
RRALs (Table I 19.15.29.12 NMAC)			600	Q	10	Q		Q		Q		Q	50	Q		Q		Q		Q	100	
SS01 (0.5')	6/7/2024	0.0 - 0.5	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS02 (0.25')	6/6/2024	0.0 - 0.25	320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS03 (0.5')	6/7/2024	0.0 - 0.5	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS04 (0.25')	6/6/2024	0.0 - 0.25	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS05 (0.5')	6/7/2024	0.0 - 0.5	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS06 (0.25')	6/6/2024	0.0 - 0.25	9,300		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS06 (1')	8/8/2024	1.0 - 2.0	1,180		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS06 (3')	8/8/2024	3.0 - 4.0	352		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS07 (0.25')	6/6/2024	0.0 - 0.25	4,720		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS07 (1')	8/8/2024	1.0 - 2.0	1,100		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		57		36		94	
SS07 (3')	8/8/2024	3.0 - 4.0	400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS08 (0.25')	6/6/2024	0.0 - 0.25	25,600		<0.050		<0.050		<0.050		<0.150		<0.300		13		3,480		905		4,398	
SS08 (1')	8/8/2024	1.0 - 2.0	2,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS08 (3')	8/8/2024	3.0 - 4.0	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS09 (0.25')	6/6/2024	0.0 - 0.25	7,360		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		171		35.8		207	
SS09 (2')	8/8/2024	2.0 - 3.0	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SS10 (0.25')	6/6/2024	0.0 - 0.25	7,500		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		4870		1120		5990	
SS10 (2')	8/8/2024	2.0 - 3.0	8,000		<0.050		<0.050		<0.050		0		0		52		1880		342		2273.6	
SS10 (4')	8/8/2024	4.0 - 5.0	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

NOTES:

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

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics

1: Method SM4500CI-B
2: Method 8021B
3: Method 8015M

Bold and highlighted values indicate exceedance of Table I 19.15.29.12 NMAC.

Highlighted values indicate vertical or lateral overexcavation and resampled areas.

Sample locations within an area requested for deferral.



TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SHALLOW CONFIRMATION SAMPLING - INCIDENT NAPP2413458571
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 FLOWLINE 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		Total TPH (GRO+DRO+EXT DRO)		
		feet bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀	mg/kg	Q	> C ₁₀ - C ₂₈	mg/kg	Q		> C ₂₈ - C ₃₆	mg/kg
Reclamation Requirements (19.15.29 NMAC)			600		10								50										100
SW - 1 (0-4')	11/1/2024	0.0 - 4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 2 (0-4')	11/1/2024	0.0 - 4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 4 (0-4')	11/1/2024	0.0 - 4.0	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 5 (0-4')	11/6/2024	0.0 - 4.0	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 6 (0-4')	11/1/2024	0.0 - 4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 7 (0-4')	11/1/2024	0.0 - 4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 8 (0-4')	11/1/2024	0.0 - 4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 9 (0-4')	11/1/2024	0.0 - 4.0	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 10 (0-4')	11/6/2024	0.0 - 4.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 12 (0-4')	11/6/2024	0.0 - 4.0	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 13 (0-4')	12/3/2024	0.0 - 4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 14 (0-4')	12/3/2024	0.0 - 4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 15 (0-4')	12/3/2024	0.0 - 4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 16 (0-4')	12/3/2024	0.0 - 4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 17 (0-4')	12/3/2024	0.0 - 4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 18 (0-4')	12/3/2024	0.0 - 4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 19 (0-4')	12/3/2024	0.0 - 4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 20 (0-4')	11/22/2024	0.0 - 4.0	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 21 (0-4')	11/13/2024	0.0 - 4.0	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 21 (0-4')	11/22/2024	0.0 - 4.0	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW-22 (0-4')	12/4/2024	0.0 - 4.0	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 23 (0-4')	12/3/2024	0.0 - 4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 24 (0-4')	12/3/2024	0.0 - 4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW 25 (0-4')	12/3/2024	0.0 - 4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 26 (0-4')	11/6/2024	0.0 - 4.0	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 27 (0-4')	11/6/2024	0.0 - 4.0	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 28 (0-4')	11/6/2024	0.0 - 4.0	336		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 29 (0-4')	12/5/2024	0.0 - 4.0	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 30 (0-4')	11/13/2024	0.0 - 4.0	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 31 (0-4')	11/4/2024	0.0 - 4.0	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 32 (0-4')	11/4/2024	0.0 - 4.0	272		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		10		<10.0			10	
SW - 33 (0-4')	11/1/2024	0.0 - 4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 34 (0-4')	2/19/2025	0.0 - 4.0	848		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 34 (0-4')	2/25/2025	0.0 - 4.0	272		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	
SW - 35 (0-4')	12/5/2024	0.0 - 4.0	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0			-	



TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SHALLOW CONFIRMATION SAMPLING - INCIDENT NAPP2413458571
MAVERICK PERMIAN, LLC
EVGSAU 2717-006 FLOWLINE 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		Total TPH (GRO+DRO+EXT DRO)	
		feet bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
Reclamation Requirements (19.15.29 NMAC)			600		10								50								100	
SW - 37 (0-4')	11/6/2024	0.0 - 4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 38 (0-4')	11/13/2024	0.0 - 4.0	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		42		43		85	
SW - 39 (0-4')	2/19/2025	0.0 - 4.0	720		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 39 (0-4')	2/25/2025	0.0 - 4.0	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		653		141		794	
SW 39 (0-4')	3/6/2025	0.0 - 4.0	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 40 (0-4')	2/19/2025	0.0 - 4.0	704		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 40 (0-4')	2/25/2025	0.0 - 4.0	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 41 (0-4')	2/19/2025	0.0 - 4.0	640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SW - 41 (0-4')	2/25/2025	0.0 - 4.0	304		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		26		11		38	

NOTES:

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

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics

1: Method SM4500Cl-B
2: Method 8021B
3: Method 8015M

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



TABLE 4
SUMMARY OF ANALYTICAL RESULTS
DEEP CONFIRMATION SAMPLING - INCIDENT nAPP2413458571
DIVERSIFIED ENERGY
EVGSAU 2717-006 FLOWLINE 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	
		feet bgs	mg/kg	Q	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	GRO+DRO	(GRO+DRO+EXT DRO)	
RRALs (Table I 19.15.29.12 NMAC)			10,000		10							50								1,000	2,500	
BH - 1 (4.0')	10/31/2024	4.0	2,240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-2 (4.0')	10/21/2024	4.0	736		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		23		15		23.3	39
BH - 2 (5.0')	10/28/2024	5.0	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-3 (4.0')	10/21/2024	4.0	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 4 (4.0')	10/31/2024	4.0	1,010		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-5 (4.0')	10/21/2024	4.0	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 6 (4.0')	10/31/2024	4.0	1,960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 7 (4.0')	10/31/2024	4.0	1,380		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 8 (4.0')	10/31/2024	4.0	1,020		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 9 (4.0')	10/31/2024	4.0	672		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 10 (4.0')	10/31/2024	4.0	656		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 11 (4.0')	10/31/2024	4.0	640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 12 (4.0')	10/31/2024	4.0	1,470		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 13 (4.0')	10/31/2024	4.0	640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 14 (4.0')	10/31/2024	4.0	704		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 15 (4.0')	10/31/2024	4.0	592		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 16 (4')	11/4/2024	4.0	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 18 (4')	11/4/2024	4.0	400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		54		<10.0		53.9	54
BH - 19 (4')	11/5/2024	4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 20 (4')	11/4/2024	4.0	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		28		<10.0		27.7	28
BH - 21 (4')	11/13/2024	4.0	4,080		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		84		23		84.1	107
BH - 22 (4')	11/4/2024	4.0	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		620		193		620	813
BH - 23 (4')	11/4/2024	4.0	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 24 (4')	11/5/2024	4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 25 (4')	11/13/2024	4.0	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		288		133		288	421
BH - 26 (4')	11/4/2024	4.0	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		16		<10.0		15.5	16
BH - 27 (4')	11/13/2024	4.0	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		22		14		21.9	36
BH - 28 (4')	11/13/2024	4.0	352		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		24		<10.0		24	24
BH - 29 (4')	11/13/2024	4.0	448		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 30 (4')	11/13/2024	4.0	592		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		65		18		64.7	82
BH - 31 (4')	11/13/2024	4.0	800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		22		<10.0		21.7	22
BH - 32 (4')	11/13/2024	4.0	496		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 33 (4')	11/13/2024	4.0	352		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		40		<10.0		40.3	40
BH - 34 (4')	11/6/2024	4.0	608		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 35 (4')	11/6/2024	4.0	400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		11		<10.0		10.7	11
BH - 36 (4')	11/13/2024	4.0	2,080		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		139		39		139	178
BH - 37 (4')	11/13/2024	4.0	1,800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		255		75		255	330
BH - 38 (4')	11/6/2024	4.0	528		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 39 (4')	11/5/2024	4.0	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 40 (4')	11/5/2024	4.0	1,040		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		217		32		217	249
BH - 41 (4')	11/5/2024	4.0	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		32		<10.0		31.9	32



TABLE 4
SUMMARY OF ANALYTICAL RESULTS
DEEP CONFIRMATION SAMPLING - INCIDENT nAPP2413458571
DIVERSIFIED ENERGY
EVGSAU 2717-006 FLOWLINE 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	Total TPH
		feet bgs	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	GRO+DRO	(GRO+DRO+EXT DRO)			
RRALs (Table I 19.15.29.12 NMAC)			10,000		10							50						1,000	2,500			
BH - 42 (4')	11/5/2024	4.0	928		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		58		<10.0		57.9	58
BH - 43 (4')	11/6/2024	4.0	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		43		<10.0		43.2	43
BH - 44 (4')	11/5/2024	4.0	752		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		12		<10.0		11.9	12
BH - 45 (4')	11/5/2024	4.0	400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 46 (4')	11/5/2024	4.0	576		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 47 (4')	11/6/2024	4.0	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 48 (4')	11/5/2024	4.0	800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		27		<10.0		27	27
BH - 49 (4')	11/5/2024	4.0	560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-50 (4.0')	10/21/2024	4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-51 (4.0')	10/21/2024	4.0	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-52 (4.0')	10/21/2024	4.0	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 53 (4')	11/5/2024	4.0	768		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 54 (4')	11/5/2024	4.0	1,140		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		17		<10.0		17	17
BH - 55 (4.0')	10/28/2024	4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-56 (4.0')	12/4/2024	4.0	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-57 (4.0')	12/4/2024	4.0	448		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-58 (4.0')	12/4/2024	4.0	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH-59 (4.0')	12/4/2024	4.0	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH 60 (4.0')	12/3/2024	4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH 61 (4.0')	12/3/2024	4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 62 (4.0')	11/22/2024	4.0	576		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH 63 (4.0')	12/3/2024	4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH 64 (4.0')	12/3/2024	4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH 65 (4.0')	12/3/2024	4.0	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH 66 (4.0')	12/3/2024	4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 67 (4.0')	11/22/2024	4.0	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 68 (4.0')	11/22/2024	4.0	544		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 69 (4.0')	11/22/2024	4.0	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 70 (4')	11/13/2024	4.0	400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		24		<10.0		23.7	24
BH - 71 (4.0')	10/31/2024	4.0	1,470		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 72 (4.0')	10/31/2024	4.0	1,800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 73 (4.0')	10/28/2024	4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 74 (4.0')	10/28/2024	4.0	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 75 (4')	11/6/2024	4.0	336		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 76 (4')	11/6/2024	4.0	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-
BH - 77 (4.0')	2/19/2025	4.0	1,380		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	-

NOTES:

bgs: Below ground surface

mg/kg: Milligrams per kilogram

TPH: Total Petroleum Hydrocarbons

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

1: Method SM4500CI-B

2: Method 8021B

3: Method 8015M

Bold and highlighted values indicate exceedance of Table I 19.15.29.12 NMAC.

Laterally or vertically over excavated and resampled

*Remediation Closure Report
EVGSAU 2717-006 Flowline Release nAPP2413458571
September 24, 2026*

APPENDIX A – OCD DOCUMENTATION

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

QUESTIONS

Action 343904

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 343904
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	EVGSAU 2717-006 Flowline Release
Date Release Discovered	05/13/2024
Surface Owner	State

Incident Details <i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 3 BBL Recovered: 2 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 12 BBL Recovered: 8 BBL Lost: 4 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 May 13, 2024, a flowline release was discovered that released approximately 12 bbls of produced water and 3 bbls of oil into the pasture. initial response recovered approximately 10 bbls of fluid.

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QUESTIONS, Page 2

Action 343904

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 343904
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Action 343904

ACKNOWLEDGMENTS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 343904
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☒	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☒	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.
☒	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
☒	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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CONDITIONS

Action 343904

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 343904
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
cterhune	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	5/13/2024

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

Location of Spill: EVGSAU 2717-006 Flowline Release

Date of Spill: 5/13/2024

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

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 3.0000 BBL WATER: 12.0000 BBL

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

Total Area Calculations					Standing Liquid Calculations				
Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	20.00 ft	X 40.00 ft	X 5.00 in	20.00%	Rectangle Area #1	20.00 ft	X 45.00 ft	X 0.50 in	20.00%
Rectangle Area #2	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	Rectangle Area #2	0.00 ft	X 0.00 ft	X 6.00 in	0.00%
Rectangle Area #3	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	Rectangle Area #3	0.00 ft	X 0.00 ft	X 0.00 in	0.00%
Rectangle Area #4	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	Rectangle Area #4	0.00 ft	X 0.00 ft	X 0.25 in	0.00%
Rectangle Area #5	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	Rectangle Area #5	0.00 ft	X 0.00 ft	X 0.00 in	0.00%
Rectangle Area #6	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	Rectangle Area #6	0.00 ft	X 0.00 ft	X 0.00 in	0.00%
Rectangle Area #7	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	Rectangle Area #7	0.00 ft	X 0.00 ft	X 0.00 in	0.00%
Rectangle Area #8	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	Rectangle Area #8	0.00 ft	X 0.00 ft	X 0.00 in	0.00%

ERROR - Standing Liquid Area larger than Total Area, Review Data Input

Production Data NOT Required

Average Daily Production: Oil BBL Water BBL

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

Amount of Free Liquid Recovered: 10 BBL

okay

Percentage of Oil in Free Liquid Recovered: 20.00% (percentage)

Liquid holding factor *: 0.14 gal per gal

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

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

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

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

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

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

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

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

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

Saturated Soil Volume Calculations:

Total Solid/Liquid Volume: 800 sq. ft. H2O 267 cu. ft. OIL 67 cu. ft.

Estimated Volumes Spilled

Liquid in Soil: H2O 6.6 BBL OIL 1.7 BBL
Free Liquid: 5.3 BBL 1.3 BBL
Totals: 12.0 BBL 3.0 BBL

Total Spill Liquid: 12.0 BBL 3.0 BBL

Recovered Volumes

Estimated oil recovered: 2.0 BBL check - okay
Estimated water recovered: 8.0 BBL check - okay

Free Liquid Volume Calculations:

Total Free Liquid Volume: 900 sq. ft. H2O 30 cu. ft. OIL 8 cu. ft.

Estimated Production Volumes Lost

Estimated Production Spilled: H2O 12.0 BBL OIL 3.0 BBL

Estimated Surface Damage

Surface Area: 900 sq. ft.
Surface Area: .0207 acre

Estimated Weights, and Volumes

Saturated Soil = 37,333 lbs 333 cu.ft. 12 cu.yds.
Total Liquid = 15 BBL 630 gallon 5,242 lbs

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QUESTIONS

Action 344617

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 344617
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Please answer all the questions in this group.	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 3 BBL Recovered: 2 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 12 BBL Recovered: 8 BBL Lost: 4 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 May 13, 2024, a flowline release was discovered that released approximately 12 bbls of produced water and 3 bbls of oil into the pasture. initial response recovered approximately 10 bbls of fluid.

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QUESTIONS, Page 2

Action 344617

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 344617
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Chuck Terhune Email: chuck.terhune@tetrattech.com Date: 05/15/2024

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QUESTIONS, Page 3

Action 344617

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 344617
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (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	No
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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CONDITIONS

Action 344617

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 344617
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	5/15/2024

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QUESTIONS

Action 390803

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 390803
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/16/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd, 0.6 mi Turn right, 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 390803

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 390803
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/8/2024

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QUESTIONS

Action 390811

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 390811
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/17/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd, 0.6 mi Turn right, 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 390811

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 390811
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/8/2024

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QUESTIONS

Action 390812

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 390812
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/18/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd, 0.6 mi Turn right, 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 390812

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 390812
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/8/2024

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QUESTIONS

Action 393107

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393107
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/21/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 393107

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393107
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/16/2024

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QUESTIONS

Action 393115

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393115
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/22/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 393115

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393115
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/16/2024

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QUESTIONS

Action 393116

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393116
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/23/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 393116

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393116
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/16/2024

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QUESTIONS

Action 393118

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393118
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/24/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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

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

CONDITIONS

Action 393118

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393118
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/16/2024

District I

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District IV

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

QUESTIONS

Action 393120

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393120
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/25/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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Santa Fe, NM 87505

CONDITIONS

Action 393120

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 393120
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/16/2024

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State of New Mexico
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1220 S. St Francis Dr.
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QUESTIONS

Action 395344

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395344
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/28/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 395344

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395344
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/24/2024

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QUESTIONS

Action 395348

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395348
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/29/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 395348

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395348
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/24/2024

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QUESTIONS

Action 395349

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395349
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/30/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 395349

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395349
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/24/2024

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS

Action 395350

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395350
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/31/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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State of New Mexico
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CONDITIONS

Action 395350

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395350
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/24/2024

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Energy, Minerals and Natural Resources
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QUESTIONS

Action 395361

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395361
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/01/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 395361

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 395361
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/24/2024

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QUESTIONS

Action 397755

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397755
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/04/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 397755

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397755
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/31/2024

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Energy, Minerals and Natural Resources
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QUESTIONS

Action 397764

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397764
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/05/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 397764

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397764
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/31/2024

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS

Action 397766

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397766
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/06/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 397766

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397766
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/31/2024

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

QUESTIONS

Action 397767

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397767
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/07/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 397767

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397767
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/31/2024

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 397770

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397770
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/08/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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State of New Mexico
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Santa Fe, NM 87505

CONDITIONS

Action 397770

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 397770
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/31/2024

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Santa Fe, NM 87505

QUESTIONS

Action 400599

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400599
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/12/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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Santa Fe, NM 87505

CONDITIONS

Action 400599

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400599
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/8/2024

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QUESTIONS

Action 400601

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400601
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/12/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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

CONDITIONS

Action 400601

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400601
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/8/2024

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

QUESTIONS

Action 400603

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400603
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/13/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 400603

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400603
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/8/2024

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 400605

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400605
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/14/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 400605

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400605
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/8/2024

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State of New Mexico
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QUESTIONS

Action 400606

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400606
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/15/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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Santa Fe, NM 87505

CONDITIONS

Action 400606

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 400606
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/8/2024

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 403265

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403265
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/18/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 403265

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403265
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/14/2024

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QUESTIONS

Action 403267

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403267
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/19/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 403267

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403267
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/14/2024

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QUESTIONS

Action 403269

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403269
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/20/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 403269

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403269
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/14/2024

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QUESTIONS

Action 403271

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403271
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/21/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 403271

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403271
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/14/2024

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QUESTIONS

Action 403273

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403273
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/22/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 403273

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 403273
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/14/2024

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QUESTIONS

Action 406409

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406409
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/02/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 406409

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406409
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/25/2024

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QUESTIONS

Action 406413

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406413
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/03/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 406413

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406413
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/25/2024

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QUESTIONS

Action 406415

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406415
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/04/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 406415

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406415
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/25/2024

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QUESTIONS

Action 406418

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406418
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/05/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 406418

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406418
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/25/2024

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QUESTIONS

Action 406421

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406421
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/06/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 406421

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 406421
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/25/2024

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QUESTIONS

Action 431701

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 431701
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/17/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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CONDITIONS

Action 431701

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 431701
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cstraub	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/13/2025

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Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 432479

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 432479
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/19/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 432479

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 432479
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cstraub	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/17/2025

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 434135

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 434135
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/25/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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

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

CONDITIONS

Action 434135

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 434135
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cstraub	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/21/2025

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 437403

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 437403
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-26381
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-26381] EAST VACUUM (GSA) UNIT #006

Location of Release Source	
Site Name	EVGSAU 2717-006 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/05/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jorge FernandezVelo with Tetra Tech will be the sampler. Please call Chris Straub with Tetra Tech regarding any questions or concerns. 832-251-5180
Please provide any information necessary for navigation to sampling site	Head west on Buckeye Rd??? 0.6 mi Turn right??? 0.1 mi slight left for 500ft arrive at site

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 437403

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 437403
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cstraub	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/28/2025

OCD Permitting

Searches ▾ Operator Data ▾ Hearing Fee Application ▾

Home / Searches / Wells / Well Details

30-025-26381 EAST VACUUM (GSA) UNIT #006 [332965]

✓ Make this my default layout ★

Well Navigation

Well Links

Right-click or long-press (mobile) for options

- General Well Information
- Comments
- Pits
- Casings
- Formation Tops
- Well Completions
- Financial Assurance
- Compliance
- Releases
- Venting & Flaring
- Orders
- Production / Injection
- OCD Mitigation Activity
- Transporters
- Points of Disposition

Quick Links

- Well Files 39
- Well Logs 5
- Well Admin Order Files
- Action Status

Releases

The reported release volumes are sourced from C-141 submissions.

Show All Reported Releases

Earliest Reported Release in OCD Records: 05/13/2024 Last: 05/13/2024

	Release Volumes				Additional Details				
	BBLS	LBS	MCF	UNK	Type	Product	Severity	Status	
2024									
May									
nAPP2413458571 (05/13/2024)	15	0	0	0	Produced Water Release	LCRD, PROD	Minor	Initial C-141 Report Approved	
Monthly Total:	15	0	0	0					
Annual Total:	15	0	0	0					
Grand Total:	15	0	0	0					

OCD Permitting

Searches ▾ Operator Data ▾ Hearing Fee Application ▾

Home / Searches / Wells / Well Details

30-025-26381 EAST VACUUM (GSA) UNIT #006 [332965]

✔ Make this my default layout ★

Well Navigation

Well Links

Right-click or long-press (mobile) for options

General Well Information

Comments

Pits

Casings

Formation Tops

Well Completions

Financial Assurance

Compliance

Releases

Venting & Flaring

Orders

Production / Injection

OCD Mitigation Activity

Transporters

Points of Disposition

Quick Links

Well Files39

Well Logs5

Well Admin Order Files

Action Status

Compliance

Inactive Well Compliance and Financial Assurance are documented in separate reports ([Inactive Well Report](#) [Financial Assurance Report](#)).

Compliance issues addressed at the operator level are not listed under each well.

No compliance issues available for this well.

*Remediation Closure Report
EVGSAU 2717-006 Flowline Release nAPP2413458571
September 24, 2026*

APPENDIX B – PHOTOGRAPHIC DOCUMENTATION



☀ 233°SW (T) LAT: 32.801529 LON: -103.439312 ±4m ▲ 1197m

Site Remediation
Tetra Tech

Maverick- EVGSAU 2717-006
Oct 07 2024, 15:33:50 MDT



☀ 139°SE (T) LAT: 32.801376 LON: -103.439213 ±4m ▲ 1197m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717-006
Oct 07 2024, 15:35:32 MDT

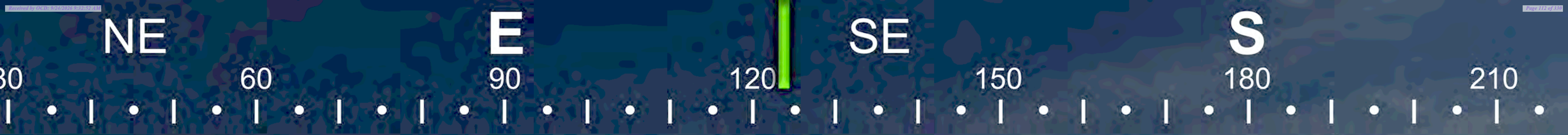


☀ 55°NE (T) LAT: 32.801181 LON: -103.439785 ±4m ▲ 1198m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717-006
Oct 07 2024, 15:37:47 MDT

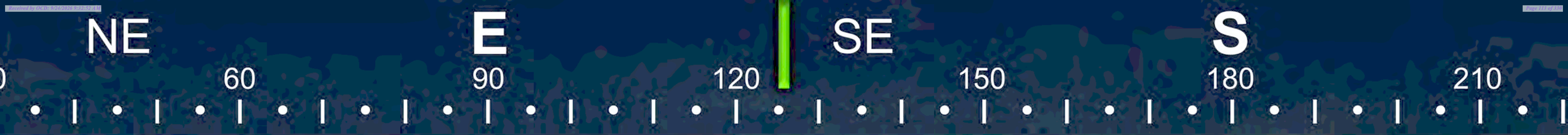


☀ 124°SE (T) LAT: 32.801426 LON: -103.439565 ±4m ▲ 1196m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717-006
Nov 01 2024, 14:21:29 MDT

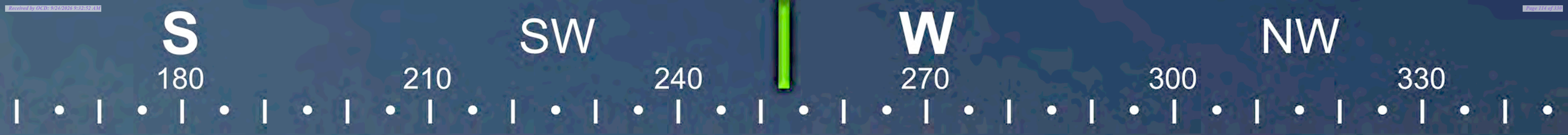


☀ 126°SE (T) LAT: 32.801312 LON: -103.439781 ±4m ▲ 1198m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717-006
Nov 01 2024, 14:22:49 MDT



☀ 253°W (T) LAT: 32.801636 LON: -103.439143 ±4m ▲ 1196m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717-006
Nov 01 2024, 14:28:09 MDT

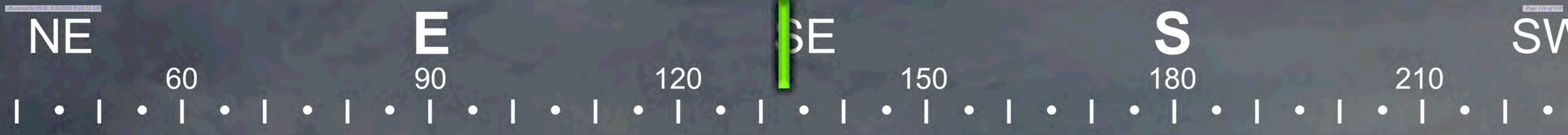


☀ 38°NE (T) LAT: 32.801261 LON: -103.439334 ±3m ▲ 1193m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717
Dec 05 2024, 11:13:10 MST



☉ 133°SE (T) LAT: 32.801562 LON: -103.439220 ±4m ▲ 1195m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717
Dec 05 2024, 11:14:24 MST

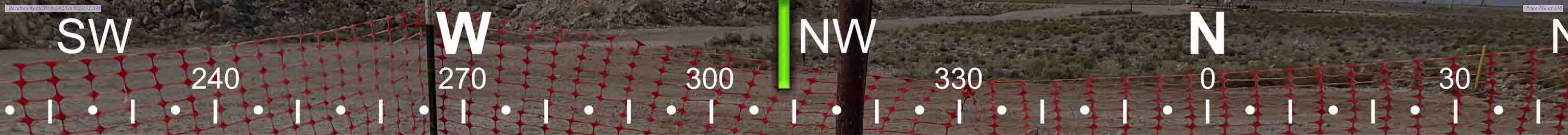


☉ 178°S (T) LAT: 32.801511 LON: -103.439107 ±4m ▲ 1195m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717
Dec 05 2024, 11:15:22 MST



☀ 309°NW (T) LAT: 32.801295 LON: -103.439697 ±3m ▲ 1199m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717
Feb 13 2025, 12:55:02 MST



☀ 313°NW (T) LAT: 32.801240 LON: -103.439723 ±1m ▲ 1199m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717
Mar 18 2025, 10:50:23 MDT



☀ 343°N (T) LAT: 32.801300 LON: -103.439828 ±3m ▲ 1198m



Site Remediation
Tetra Tech

Maverick- EVGSAU 2717
Mar 18 2025, 10:50:42 MDT

*Remediation Closure Report
EVGSAU 2717-006 Flowline Release nAPP2413458571
September 24, 2026*

APPENDIX C – CULTURAL COMPLIANCE DOCUMENTATION



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

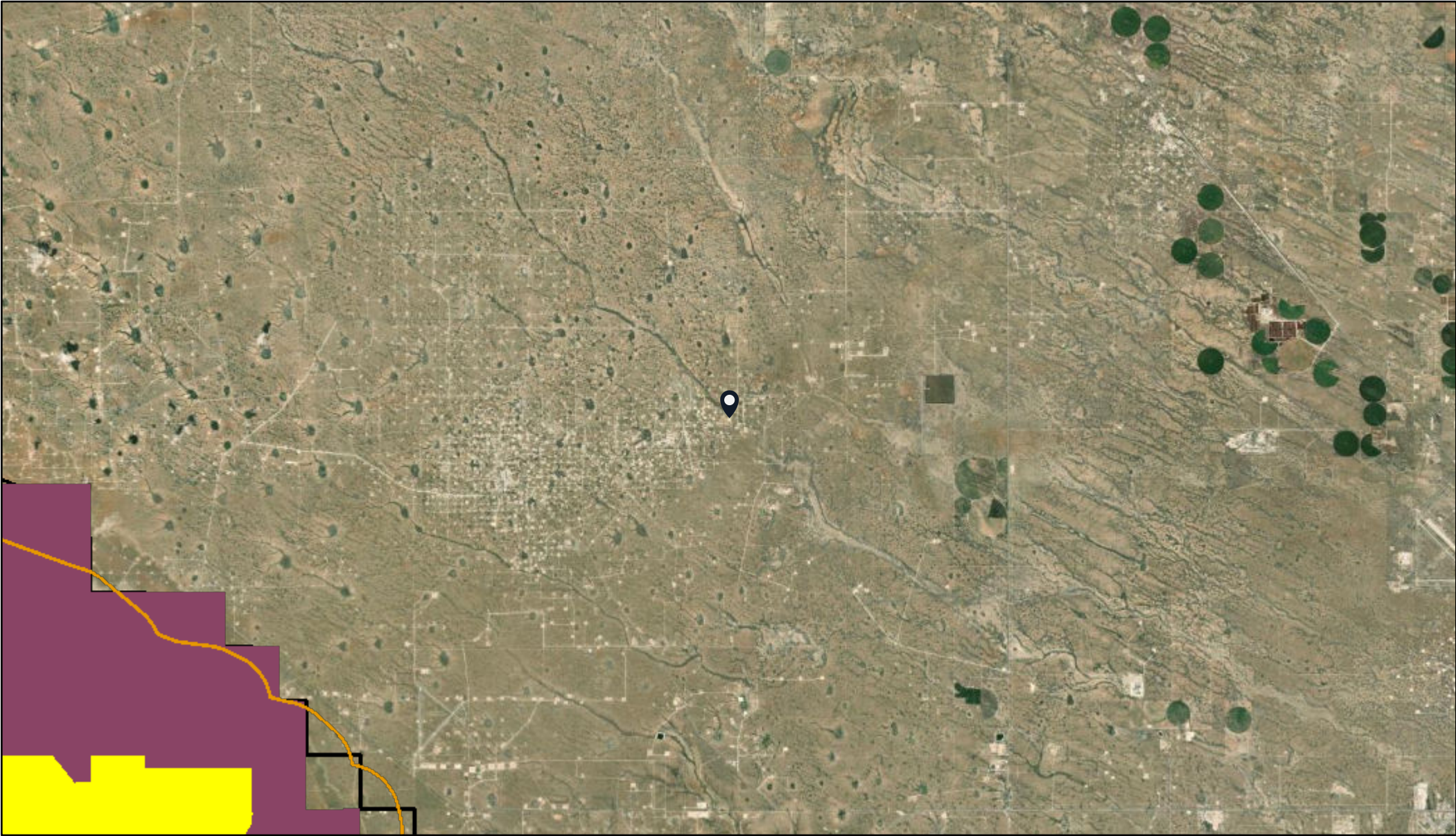
Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

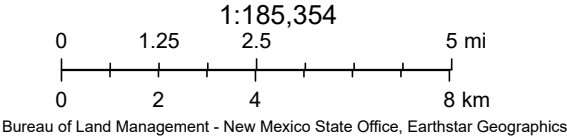
*Remediation Closure Report
EVGSAU 2717-006 Flowline Release nAPP2413458571
September 24, 2026*

APPENDIX D – BIOLOGICAL ASSESSMENT DOCUMENTATION

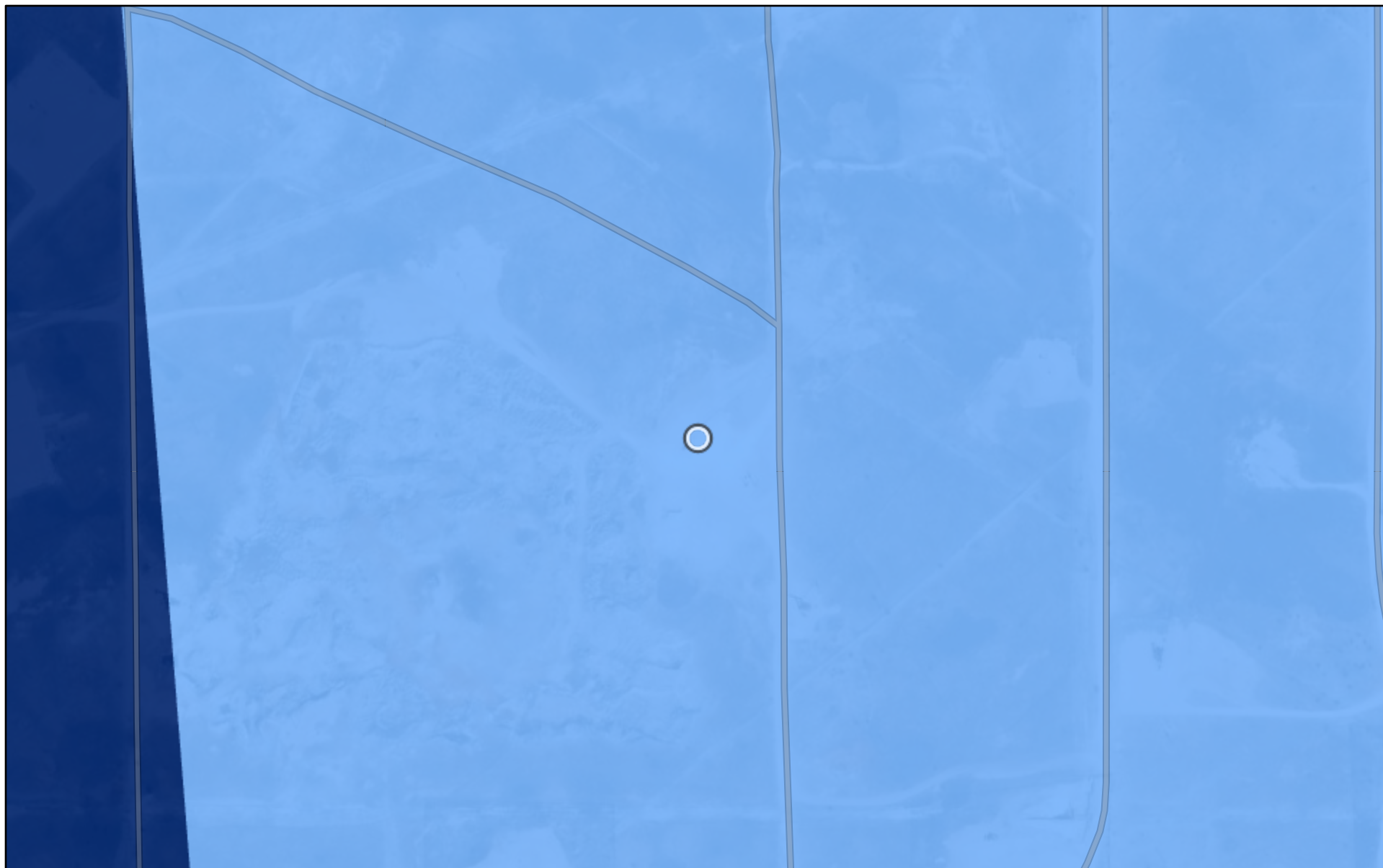


8/4/2026

- Dunes Sage Brush Lizard Habitat
- Lesser Prairie Chicken Habitat
- Habitat Evaluation Area
- Isolated Population Area
- Lesser Prairie Chicken TR



EVGSAU 2717-006



5/21/2026

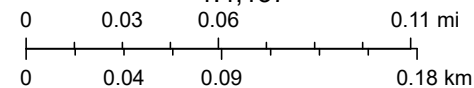
Crucial Habitat (2024)



1

5

1:4,137



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Vantor

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Lea County, New Mexico



Local office

New Mexico Ecological Services Field Office

☎ (505) 346-2525

📠 (505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> Wherever found There is proposed critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

There are Bald Eagles and/or Golden Eagles in your [project](#) area.

Measures for Proactively Minimizing Eagle Impacts

For information on how to best avoid and minimize disturbance to nesting bald eagles, please review the [National Bald Eagle Management Guidelines](#). You may employ the timing and activity-specific distance recommendations in this document when designing your project/activity to avoid and minimize eagle impacts. For bald eagle information specific to Alaska, please refer to [Bald Eagle Nesting and Sensitivity to Human Activity](#).

The FWS does not currently have guidelines for avoiding and minimizing disturbance to nesting Golden Eagles. For site-specific recommendations regarding nesting Golden Eagles, please consult with the appropriate Regional [Migratory Bird Office](#) or [Ecological Services Field Office](#).

If disturbance or take of eagles cannot be avoided, an [incidental take permit](#) may be available to authorize any take that results from, but is not the purpose of, an otherwise lawful activity. For assistance making this determination for Bald Eagles, visit the [Do I Need A Permit Tool](#). For assistance making this determination for golden eagles, please consult with the appropriate Regional [Migratory Bird Office](#) or [Ecological Services Field Office](#).

Ensure Your Eagle List is Accurate and Complete

If your project area is in a poorly surveyed area in IPaC, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to bald or golden eagles on your list, see the "Probability of Presence Summary" below to see when these bald or golden eagles are most likely to be present and breeding in your project area.

Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON
Golden Eagle <i>Aquila chrysaetos</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Dec 1 to Aug 31

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

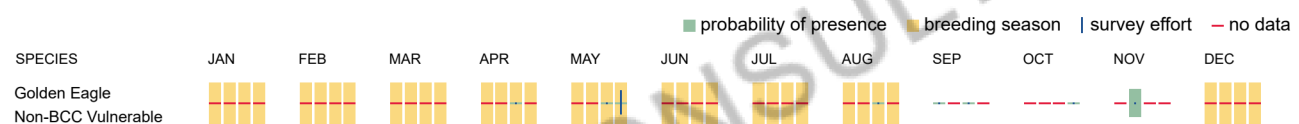
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Measures for Proactively Minimizing Migratory Bird Impacts

Your IPaC Migratory Bird list showcases [birds of concern](#), including [Birds of Conservation Concern \(BCC\)](#), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the [Nationwide avoidance and minimization measures for birds](#) document, and any other project-specific avoidance and minimization measures suggested at the link [Measures for avoiding and minimizing impacts to birds](#) for the birds of concern on your list below.

Ensure Your Migratory Bird List is Accurate and Complete

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles document](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON
Chestnut-collared Longspur <i>Calcarius ornatus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Aug 10
Ferruginous Hawk <i>Buteo regalis</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/6038	Breeds Mar 15 to Aug 15
Golden Eagle <i>Aquila chrysaetos</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Dec 1 to Aug 31

Northern Harrier *Circus hudsonius*

Breeds Apr 1 to Sep 15

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

<https://ecos.fws.gov/ecp/species/8350>

Red-headed Woodpecker *Melanerpes erythrocephalus*

Breeds May 10 to Sep 10

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

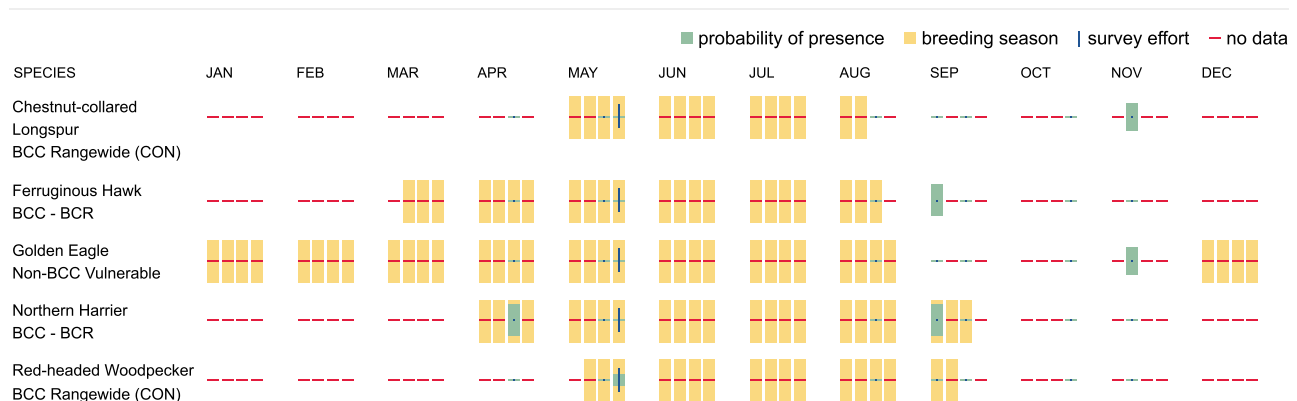
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Avoidance & Minimization Measures for Birds](#) describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the [Bald and Golden Eagle Protection Act](#) and those species marked as "Vulnerable". See the FAQ "What are the levels of concern for migratory birds?" for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangeland" birds are [Birds of Conservation Concern \(BCC\)](#) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Bald and Golden Eagle Protection Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a

lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

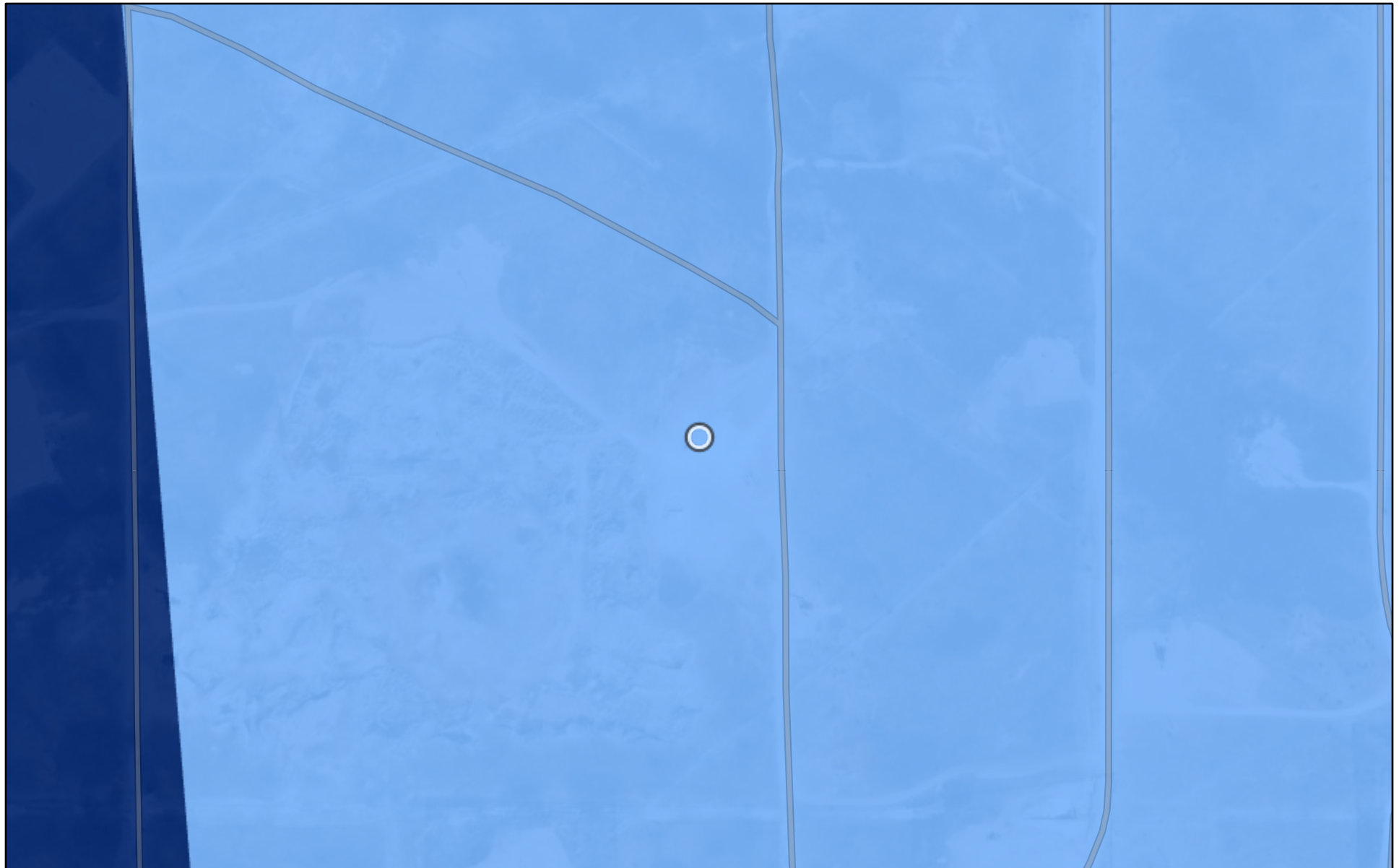
Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

*Remediation Closure Report
EVGSAU 2717-006 Flowline Release nAPP2413458571
September 24, 2026*

APPENDIX E – SITE CHARACTERIZATION DOCUMENTATION

EVGSAU 2717-006



5/21/2026

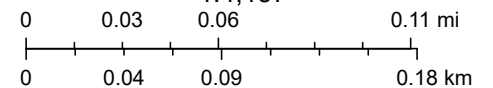
Crucial Habitat (2024)



1

5

1:4,137

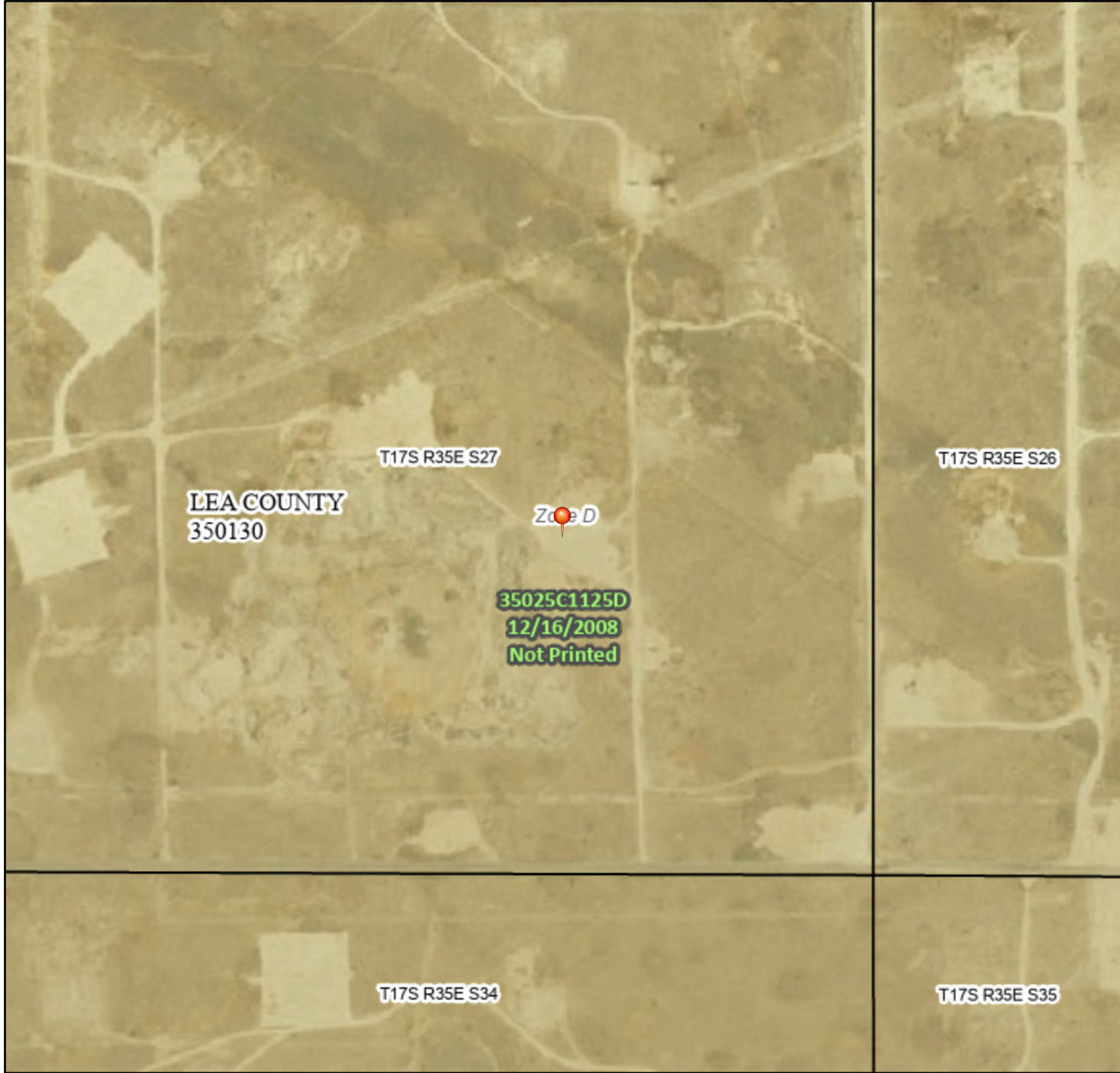


Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Vantor

National Flood Hazard Layer FIRMette



103°26'42"W 32°48'20"N



Legend

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

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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/28/2025 at 7:27 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

GS21120002

B018400003

B014040006

B016080000

B021310000

Land Status - EVGSAU 2717-006

0 0.03 0.05 0.1
mi



New Mexico State Land Office

Disclaimer:

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

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

Released to Imaging: 9/24/2026 2:37:13 PM

Map Created: 5/15/2026

● User drawn points

Oil and Gas Leasing Restrictions

Agricultural Leases

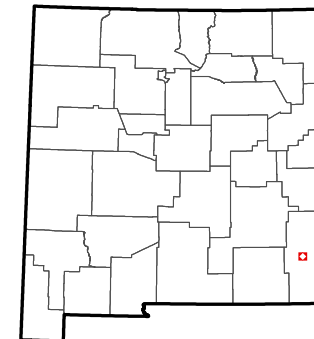
Oil and Gas Leases

New Mexico State Trust Lands

Subsurface Estate

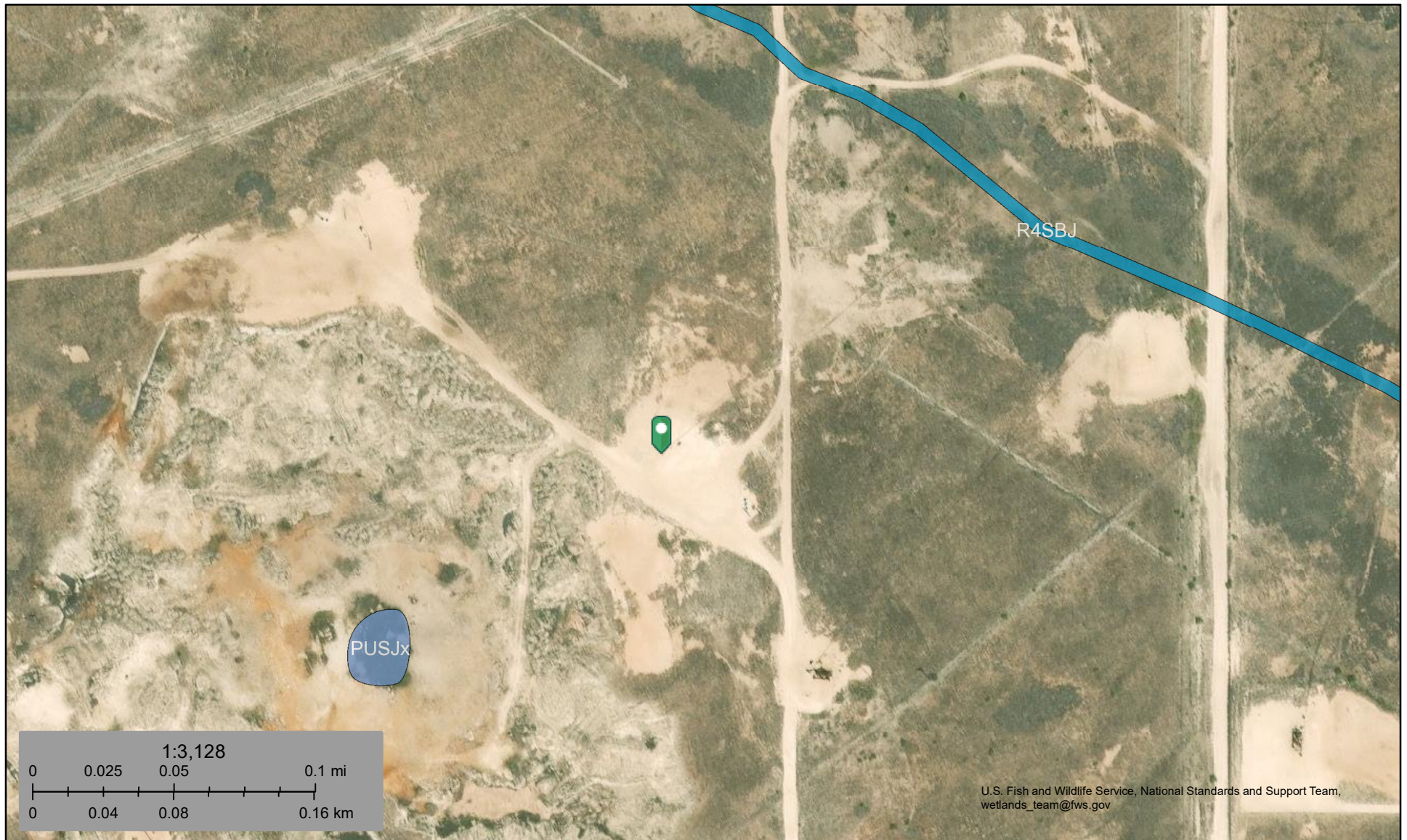
Surface Estate

Both Estates





EVGSAU 2717-006 Flowline



March 28, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

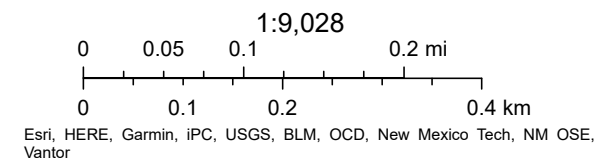
- Lake
- Other
- Riverine

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



3/16/2026, 12:47:11 PM

- Override 1
- OSE Points of Diversion
- USGS Historical GW Wells
- OSE Streams
- Low Karst Occurrence Potential





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are
smallest to
largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
L 04859		L	LE	SE	SE	SE	27	17S	35E	646258.0	3630135.0 *		428	145	85	60
L 05207		L	LE				27	17S	35E	645552.0	3630825.0 *		558	140	60	80
L 13479 POD1		L	LE	NE	NE	NW	34	17S	35E	645495.4	3630015.7		617	80	70	10
L 13479 POD3		L	LE	SE	SE	SW	27	17S	35E	645447.6	3630066.2		622	76	70	6
L 04829 S2		L	LE		SE	SW	27	17S	35E	645352.0	3630227.0 *		633	220	90	130
L 04881		L	LE		NW	SW	26	17S	35E	646556.0	3630644.0 *		641	137	50	87
L 13479 POD2		L	LE	NE	NE	NW	34	17S	35E	645479.6	3629941.3		681	80	70	10

Average Depth to Water: **70 feet**

Minimum Depth: **50 feet**

Maximum Depth: **90 feet**

Record Count: 7

UTM Filters (in meters):

Easting: 645950.430
Northing: 3630433.489
Radius: 00800

* 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.

Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
L 13479	POD1	NE	NE	NW	34	17S	35E	645495.4	3630015.7	

* UTM location was derived from PLSS - see Help

Driller License:	1458	Driller Company:	YELLOW JACKET DRLG. SERV. LLC
Driller Name:	RICHARD LEBLANC		
Drill Start Date:	2013-10-04	Drill Finish Date:	2013-12-13
Log File Date:	2014-04-28	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:	10
Casing Size:	2.05	Depth Well:	80
		Depth Water:	70

Water Bearing Stratifications:

Top	Bottom	Description
70	80	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
65	80

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.

Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tw	Rng	X	Y	Map
L 13479	POD3	SE	SE	SW	27	17S	35E	645447.6	3630066.2	

* UTM location was derived from PLSS - see Help

Driller License:	1458	Driller Company:	YELLOW JACKET DRLG. SERV. LLC		
Driller Name:	RICHARD LEBLANC				
Drill Start Date:	2013-10-04	Drill Finish Date:	2013-12-13	Plug Date:	
Log File Date:	2014-04-28	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	10
Casing Size:	2.05	Depth Well:	76	Depth Water:	70

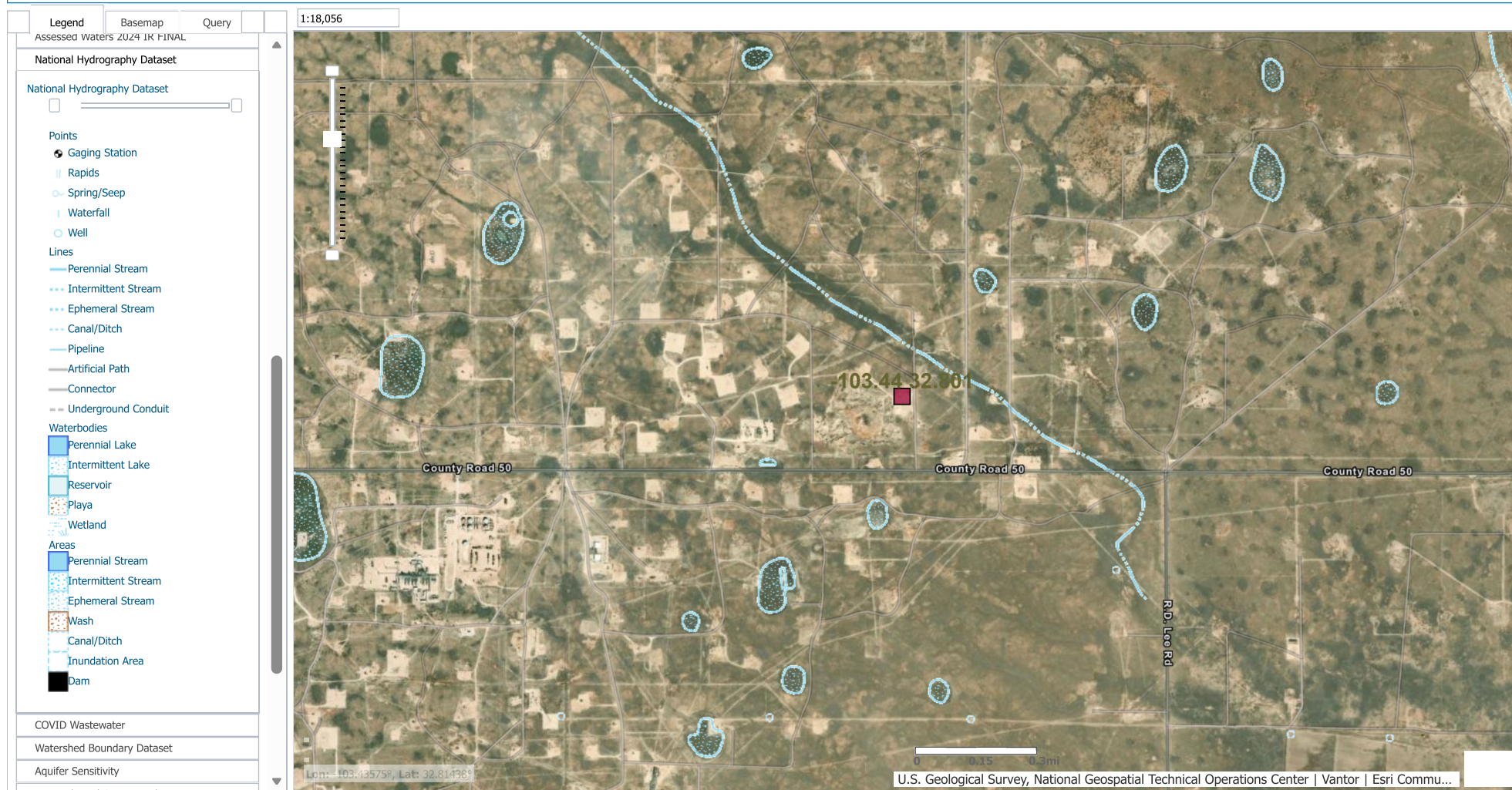
Water Bearing Stratifications:

Top	Bottom	Description
70	76	Sandstone/Gravel/Conglomerate

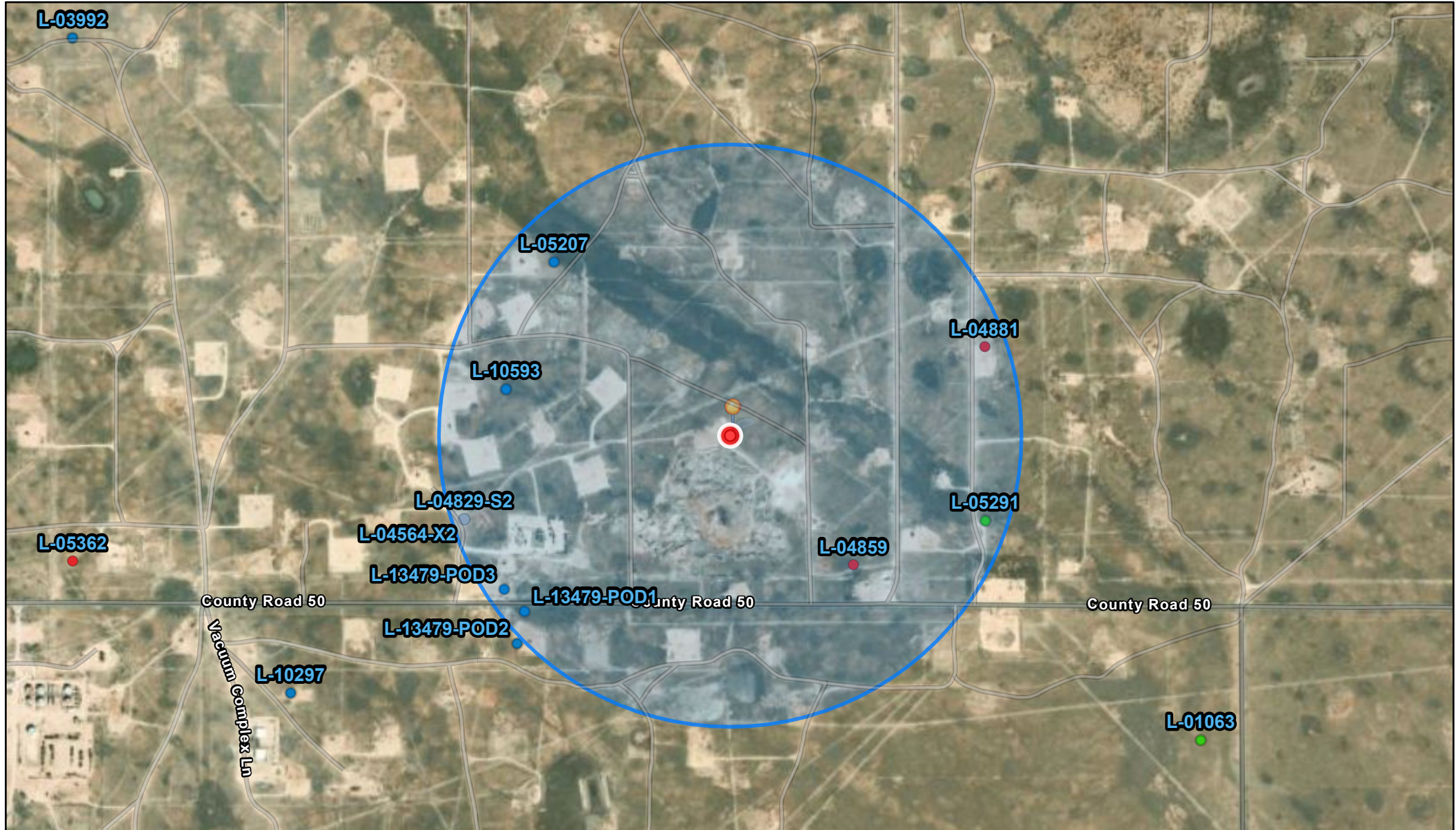
Casing Perforations:

Top	Bottom
59	76

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.



OSE POD Locations Map



7/28/2026, 8:31:03 AM

GIS WATERS PODs

- Active
- Pending
- Plugged

● Unknown

World Imagery

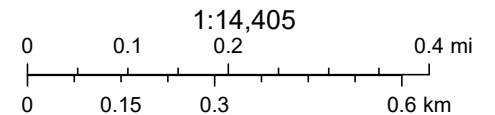
Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

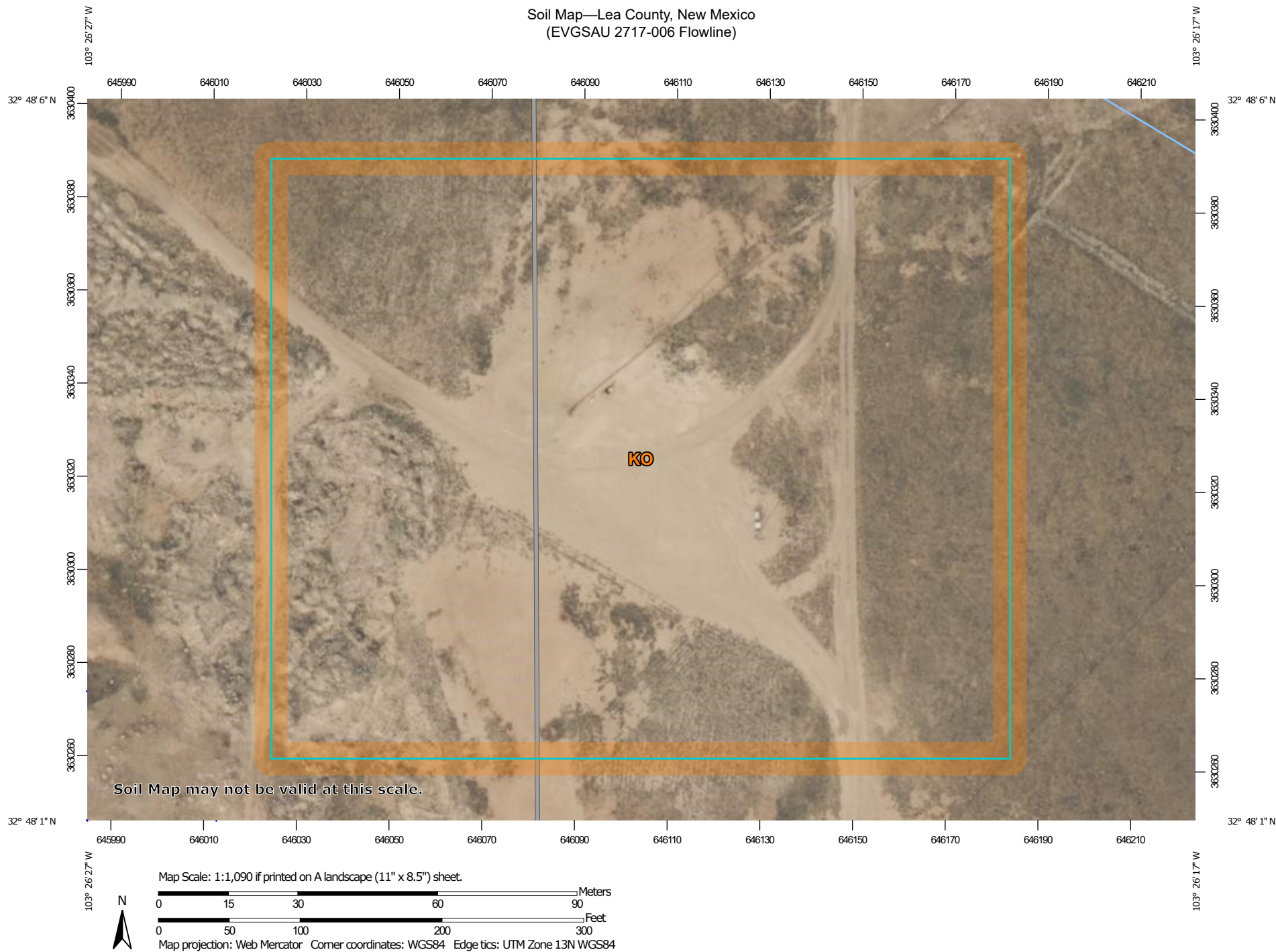
Citations

4.8m Resolution Metadata



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community

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



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

3/28/2025
Page 1 of 3

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

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 21, Sep 3, 2024

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KO	Kimbrough gravelly loam, dry, 0 to 3 percent slopes	5.1	100.0%
Totals for Area of Interest		5.1	100.0%

*Remediation Closure Report
EVGSAU 2717-006 Flowline Release nAPP2413458571
September 24, 2026*

APPENDIX F – LABORATORY ANALYTICAL DATA



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

November 11, 2024

CHRIS STRAUB

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 11/05/24 8:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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
CHRIS STRAUB
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	11/05/2024	Sampling Date:	11/04/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 16 (4') (H246719-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2024	ND	2.30	115	2.00	6.93		
Toluene*	<0.050	0.050	11/07/2024	ND	2.18	109	2.00	6.99		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.28	114	2.00	8.63		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.83	114	6.00	9.05		
Total BTX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	144	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	206	103	200	0.813	
DRO >C10-C28*	<10.0	10.0	11/06/2024	ND	177	88.7	200	6.43	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/04/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 18 (4') (H246719-02)

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	11/07/2024	ND	2.30	115	2.00	6.93		
Toluene*	<0.050	0.050	11/07/2024	ND	2.18	109	2.00	6.99		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.28	114	2.00	8.63		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.83	114	6.00	9.05		
Total BTEX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	400	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	206	103	200	0.813	
DRO >C10-C28*	53.9	10.0	11/06/2024	ND	177	88.7	200	6.43	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/04/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 20 (4') (H246719-03)

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	11/07/2024	ND	2.30	115	2.00	6.93		
Toluene*	<0.050	0.050	11/07/2024	ND	2.18	109	2.00	6.99		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.28	114	2.00	8.63		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.83	114	6.00	9.05		
Total BTEx	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	206	103	200	0.813	
DRO >C10-C28*	27.7	10.0	11/06/2024	ND	177	88.7	200	6.43	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/04/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 22 (4') (H246719-04)

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	11/07/2024	ND	2.30	115	2.00	6.93		
Toluene*	<0.050	0.050	11/07/2024	ND	2.18	109	2.00	6.99		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.28	114	2.00	8.63		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.83	114	6.00	9.05		
Total BTEX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	480	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	206	103	200	0.813	
DRO >C10-C28*	620	10.0	11/06/2024	ND	177	88.7	200	6.43	
EXT DRO >C28-C36	193	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/04/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 23 (4') (H246719-05)

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	11/07/2024	ND	2.30	115	2.00	6.93		
Toluene*	<0.050	0.050	11/07/2024	ND	2.18	109	2.00	6.99		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.28	114	2.00	8.63		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.83	114	6.00	9.05		
Total BTEx	<0.300	0.300	11/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	206	103	200	0.813	
DRO >C10-C28*	<10.0	10.0	11/06/2024	ND	177	88.7	200	6.43	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/04/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 26 (4') (H246719-06)

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	11/07/2024	ND	2.30	115	2.00	6.93		
Toluene*	<0.050	0.050	11/07/2024	ND	2.18	109	2.00	6.99		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.28	114	2.00	8.63		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.83	114	6.00	9.05		
Total BTEX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	206	103	200	0.813	
DRO >C10-C28*	15.5	10.0	11/06/2024	ND	177	88.7	200	6.43	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/04/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 31 (H246719-07)

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	11/06/2024	ND	2.19	110	2.00	4.68		
Toluene*	<0.050	0.050	11/06/2024	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	11/06/2024	ND	2.08	104	2.00	3.63		
Total Xylenes*	<0.150	0.150	11/06/2024	ND	6.19	103	6.00	3.82		
Total BTEX	<0.300	0.300	11/06/2024	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	128	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	206	103	200	0.813	
DRO >C10-C28*	<10.0	10.0	11/06/2024	ND	177	88.7	200	6.43	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/04/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 32 (H246719-08)

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	11/06/2024	ND	2.19	110	2.00	4.68		
Toluene*	<0.050	0.050	11/06/2024	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	11/06/2024	ND	2.08	104	2.00	3.63		
Total Xylenes*	<0.150	0.150	11/06/2024	ND	6.19	103	6.00	3.82		
Total BTEx	<0.300	0.300	11/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	272	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	206	103	200	0.813	
DRO >C10-C28*	10.4	10.0	11/06/2024	ND	177	88.7	200	6.43	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Custody Record

**Tetra Tech, Inc.**901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946*gustavo.cortez@tetratech.com*

Page 1 of 1

ANALYSIS REQUEST

(Circle or Specify Method No.)

Page 11 of 11

Client Name: Maverick Natural Resources

Site Manager:

Chris Straub

Project Name: EVGSAU 2717-006

281-755-8965

chris.straub@tetratech.com

Project Location: Lea, County

Project #:

212C-MD-03661

Invoice to:

Attn: Chuck Terhune

Receiving Laboratory:

Cardinal Labs

Sampler Signature:

Gustavo Cortez

Comments:

SAMPLE IDENTIFICATION

LAB # 11290719
(LAB USE ONLY)

		SAMPLING		MATRIX				PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE			
BH-16 (4')		11/4/2024	13:10	X				X			
BH-18 (4')		11/4/2024	13:15	X				X			
BH-20 (4')		11/4/2024	13:20	X				X			
BH-22 (4')		11/4/2024	13:30	X				X			
BH-23 (4')		11/4/2024	13:40	X				X			
BH-26 (4')		11/4/2024	13:45	X				X			
SW-31		11/4/2024	13:55	X				X			
SW-32		11/4/2024	14:00	X				X			

BTEX 8021B BTEX 8260B
 TPH TX1005 (Ext to C35)
 TPH 8015M (GRO - DRO - ORO)
 PAH 8270C
 Total Metals Ag As Ba Cd Cr Pb Se Hg
 TCLP Metals Ag As Ba Cd Cr Pb Se Hg
 TCLP Volatiles
 TCLP Semi Volatiles
 RCI
 GC/MS Vol. 8260B / 824
 GC/MS Semi. Vol. 8270C/825
 PCB's 8082 / 608
 NORM
 PLM (Asbestos)
 Chloride
 Chloride Sulfate TDS
 General Water Chemistry (see attached list)
 Anion/Cation Balance

Hold

Relinquished by:

Date: 11-5-24

Time: 8:36

Relinquished by:

Date: 11-5-24

Time: 8:36

Relinquished by:

Date: 11-5-24

Time: 8:36

LAB USE ONLY

REMARKS:

STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr☐ Rush Charges Authorized☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY



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

March 11, 2025

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 03/06/25 12:42.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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:	03/06/2025	Sampling Date:	03/06/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 39 (H251333-01)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.93	96.5	2.00	0.603	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	0.428	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.06	103	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.21	103	6.00	1.32	
Total BTEX	<0.300	0.300	03/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	256	16.0	03/07/2025	ND	416	104	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	190	94.9	200	1.71	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	177	88.4	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 119 % 44.4-145

Surrogate: 1-Chlorooctadecane 121 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

November 11, 2024

CHRIS STRAUB

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 11/05/24 14:42.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 19 (4') (H246740-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2024	ND	2.19	110	2.00	2.02		
Toluene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.21		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.10		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.22	104	6.00	1.94		
Total BTX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	160	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	<10.0	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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
CHRIS STRAUB
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 24 (4') (H246740-02)

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	11/07/2024	ND	2.19	110	2.00	2.02		
Toluene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.21		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.10		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.22	104	6.00	1.94		
Total BTEx	<0.300	0.300	11/07/2024	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	160	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	<10.0	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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
CHRIS STRAUB
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 39 (4') (H246740-03)

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	11/07/2024	ND	2.19	110	2.00	2.02	
Toluene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.21	
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.22	104	6.00	1.94	
Total BTEX	<0.300	0.300	11/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	480	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	<10.0	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 40 (4') (H246740-04)

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	11/07/2024	ND	2.19	110	2.00	2.02		
Toluene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.21		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.10		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.22	104	6.00	1.94		
Total BTEx	<0.300	0.300	11/07/2024	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	1040	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	217	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	31.9	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 41 (4') (H246740-05)

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	11/07/2024	ND	2.19	110	2.00	2.02		
Toluene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.21		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.10		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.22	104	6.00	1.94		
Total BTEX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	240	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	31.9	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 42 (4') (H246740-06)

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	11/07/2024	ND	2.19	110	2.00	2.02	
Toluene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.21	
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.09	104	2.00	2.10	
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.22	104	6.00	1.94	
Total BTEx	<0.300	0.300	11/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	928	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	57.9	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 44 (4') (H246740-07)

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	11/07/2024	ND	2.32	116	2.00	1.62		
Toluene*	<0.050	0.050	11/07/2024	ND	2.36	118	2.00	1.98		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.26	113	2.00	2.23		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	7.18	120	6.00	2.37		
Total BTEX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	752	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	11.9	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 45 (4') (H246740-08)

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	11/07/2024	ND	2.32	116	2.00	1.62	
Toluene*	<0.050	0.050	11/07/2024	ND	2.36	118	2.00	1.98	
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.26	113	2.00	2.23	
Total Xylenes*	<0.150	0.150	11/07/2024	ND	7.18	120	6.00	2.37	
Total BTEX	<0.300	0.300	11/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/07/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	<10.0	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 46 (4') (H246740-09)

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	11/07/2024	ND	2.32	116	2.00	1.62		
Toluene*	<0.050	0.050	11/07/2024	ND	2.36	118	2.00	1.98		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.26	113	2.00	2.23		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	7.18	120	6.00	2.37		
Total BTEX	<0.300	0.300	11/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	<10.0	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 48 (4') (H246740-11)

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	11/07/2024	ND	2.32	116	2.00	1.62		
Toluene*	<0.050	0.050	11/07/2024	ND	2.36	118	2.00	1.98		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.26	113	2.00	2.23		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	7.18	120	6.00	2.37		
Total BTEx	<0.300	0.300	11/07/2024	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	800	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	201	100	200	0.754	
DRO >C10-C28*	27.0	10.0	11/06/2024	ND	189	94.5	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 49 (4') (H246740-12)

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	11/07/2024	ND	2.32	116	2.00	1.62		
Toluene*	<0.050	0.050	11/07/2024	ND	2.36	118	2.00	1.98		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.26	113	2.00	2.23		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	7.18	120	6.00	2.37		
Total BTEx	<0.300	0.300	11/07/2024	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	560	16.0	11/07/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	208	104	200	2.10	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	189	94.6	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 53 (4') (H246740-13)

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	11/07/2024	ND	2.32	116	2.00	1.62		
Toluene*	<0.050	0.050	11/07/2024	ND	2.36	118	2.00	1.98		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.26	113	2.00	2.23		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	7.18	120	6.00	2.37		
Total BTEX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	768	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	208	104	200	2.10	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	189	94.6	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/05/2024	Sampling Date:	11/05/2024
Reported:	11/11/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 54 (4') (H246740-14)

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	11/07/2024	ND	2.32	116	2.00	1.62		
Toluene*	<0.050	0.050	11/07/2024	ND	2.36	118	2.00	1.98		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.26	113	2.00	2.23		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	7.18	120	6.00	2.37		
Total BTEx	<0.300	0.300	11/07/2024	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	1140	16.0	11/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2024	ND	202	101	200	0.749	
DRO >C10-C28*	17.0	10.0	11/06/2024	ND	189	94.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/06/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Page 1 of 2



Tetra Tech, Inc.

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

Client Name:

Maverick Natural Resources

Site Manager:

Chris Straub

Project Name:

EVGSAU 2717-006

281-755-8965

chris.straub@tetratech.comProject Location:
(county, state)

Lea, County

Project #:

212C-MD-03661

Invoice to:

Attn: Chuck Terhune

Receiving Laboratory:

Cardinal Labs

Sampler Signature:

Gustavo Cortez

Comments:

SAMPLE IDENTIFICATION

LAB #
(LAB USE ONLY)

SAMPLING

YEAR 2024

DATE

TIME

MATRIX

PRESERVATIVE METHOD

WATER

SOIL

HCL

HNO₃

ICE

CONTAINERS

FILTERED (Y/N)

BTX 8021B BTX 8260B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

ANALYSIS REQUEST

(Circle or Specify Method No.)

Relinquished by:

Date: Time:

11/5/24 1412

Received by:

Date: Time:

11/5/24 1442

Relinquished by:

Date: Time:

11/5/24 1442

Received by:

Date: Time:

11/5/24 1442

Relinquished by:

Date: Time:

11/5/24 1442

Received by:

Date: Time:

11/5/24 1442

LAB USE ONLY

REMARKS:

STANDARD

11/5/24

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

Gustavo Cortez
Gustavo.Cortez@tetratech.com
ORIGINAL COPY



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

November 05, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717

Enclosed are the results of analyses for samples received by the laboratory on 10/31/24 15:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 1 (4.0') (H246658-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.01	101	2.00	1.12	
Toluene*	<0.050	0.050	11/04/2024	ND	2.01	100	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	6.47	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.38	106	6.00	6.39	
Total BTX	<0.300	0.300	11/04/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	11/05/2024	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	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 14 (4.0') (H246658-02)

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	11/04/2024	ND	2.01	101	2.00	1.12		
Toluene*	<0.050	0.050	11/04/2024	ND	2.01	100	2.00	4.21		
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	6.47		
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.38	106	6.00	6.39		
Total BTEX	<0.300	0.300	11/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	11/04/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 68.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 9 (4.0') (H246658-03)

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	11/04/2024	ND	2.01	101	2.00	1.12	
Toluene*	<0.050	0.050	11/04/2024	ND	2.01	100	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	6.47	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.38	106	6.00	6.39	
Total BTEX	<0.300	0.300	11/04/2024	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	672	16.0	11/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 4 (4.0') (H246658-04)

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	11/04/2024	ND	2.01	101	2.00	1.12		
Toluene*	<0.050	0.050	11/04/2024	ND	2.01	100	2.00	4.21		
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	6.47		
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.38	106	6.00	6.39		
Total BTEX	<0.300	0.300	11/04/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	11/04/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 15 (4.0') (H246658-05)

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	11/04/2024	ND	2.01	101	2.00	1.12	
Toluene*	<0.050	0.050	11/04/2024	ND	2.01	100	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	6.47	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.38	106	6.00	6.39	
Total BTEX	<0.300	0.300	11/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	592	16.0	11/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 11 (4.0') (H246658-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.01	101	2.00	1.12	
Toluene*	<0.050	0.050	11/04/2024	ND	2.01	100	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	6.47	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.38	106	6.00	6.39	
Total BTX	<0.300	0.300	11/04/2024	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	640	16.0	11/04/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 7 (4.0') (H246658-07)

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	11/05/2024	ND	2.01	101	2.00	1.12		
Toluene*	<0.050	0.050	11/05/2024	ND	2.01	100	2.00	4.21		
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.11	105	2.00	6.47		
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.38	106	6.00	6.39		
Total BTEx	<0.300	0.300	11/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	1380	16.0	11/04/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 73.6 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 72 (4.0') (H246658-08)

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	11/05/2024	ND	2.01	101	2.00	1.12		
Toluene*	<0.050	0.050	11/05/2024	ND	2.01	100	2.00	4.21		
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.11	105	2.00	6.47		
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.38	106	6.00	6.39		
Total BTEx	<0.300	0.300	11/05/2024	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	1800	16.0	11/04/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 12 (4.0') (H246658-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2024	ND	2.01	101	2.00	1.12	
Toluene*	<0.050	0.050	11/05/2024	ND	2.01	100	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.11	105	2.00	6.47	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.38	106	6.00	6.39	
Total BTX	<0.300	0.300	11/05/2024	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	1470	16.0	11/04/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 8 (4.0') (H246658-10)

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	11/05/2024	ND	2.01	101	2.00	1.12	
Toluene*	<0.050	0.050	11/05/2024	ND	2.01	100	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.11	105	2.00	6.47	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.38	106	6.00	6.39	
Total BTEx	<0.300	0.300	11/05/2024	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	1020	16.0	11/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 6 (4.0') (H246658-11)

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	11/05/2024	ND	2.01	101	2.00	1.12	
Toluene*	<0.050	0.050	11/05/2024	ND	2.01	100	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.11	105	2.00	6.47	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.38	106	6.00	6.39	
Total BTEX	<0.300	0.300	11/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	11/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/05/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 13 (4.0') (H246658-12)

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	11/05/2024	ND	2.01	101	2.00	1.12	
Toluene*	<0.050	0.050	11/05/2024	ND	2.01	100	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.11	105	2.00	6.47	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.38	106	6.00	6.39	
Total BTEX	<0.300	0.300	11/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	640	16.0	11/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/05/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane 60.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 10 (4.0') (H246658-13)

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	11/05/2024	ND	2.01	101	2.00	1.12	
Toluene*	<0.050	0.050	11/05/2024	ND	2.01	100	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.11	105	2.00	6.47	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.38	106	6.00	6.39	
Total BTEX	<0.300	0.300	11/05/2024	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	656	16.0	11/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/05/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 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: 10/31/2024
 Reported: 11/05/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 10/31/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 71 (4.0') (H246658-14)

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	11/05/2024	ND	2.01	101	2.00	1.12		
Toluene*	<0.050	0.050	11/05/2024	ND	2.01	100	2.00	4.21		
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.11	105	2.00	6.47		
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.38	106	6.00	6.39		
Total BTEX	<0.300	0.300	11/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1470	16.0	11/04/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2024	ND	188	94.2	200	1.88	
DRO >C10-C28*	<10.0	10.0	11/05/2024	ND	176	87.9	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

Client Name: Maverick Natural Resources Site Manager: Chuck Terhune

Project Name: EVGSAU 2717 Project #: 281-755-8965

chuck.terhune@tetratech.com

Project Location: Lea County, NM Project #: 212C-MD-03661

Invoice to: Attn: Chuck Terhune

Receiving Laboratory: Cardinal Labs Sampler Signature: Jorge Fernandez

Comments: Include : Chris Straub Chris.Straub@tetratech.com Jorge.Fernandez@tetratech.com

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)
		YEAR: 2024	DATE	TIME	WATER	SOIL	HCL			
					HNO ₃	ICE				

1	BH-1 (4.0')		10/31/2024	1030	X			X		X	BTEX 8021B BTEX 8260B
2	BH-14 (4.0')		10/31/2024	1035	X			X		X	TPH TX1005 (Ext to C35)
3	BH-9 (4.0')		10/31/2024	1040	X			X		X	TPH 8015M (GRO - DRO - ORO - MRO)
4	BH-4 (4.0')		10/31/2024	1045	X			X		X	PAH 8270C
5	BH-15 (4.0')		10/31/2024	1050	X			X		X	Total Metals Ag As Ba Cd Cr Pb Se Hg
6	BH-11 (4.0')		10/31/2024	1055	X			X		X	TCLP Metals Ag As Ba Cd Cr Pb Se Hg
7	BH-7 (4.0')		10/31/2024	1100	X			X		X	TCLP Volatiles
8	BH-72 (4.0')		10/31/2024	1105	X			X		X	TCLP Semi Volatiles
9	BH-12 (4.0')		10/31/2024	1110	X			X		X	RCI
10	BH-8 (4.0')		10/31/2024	1120	X			X		X	GC/MS Vol. 8260B / 624

Relinquished by: [Signature] Date: 10/31/2024 Time: 1556
Relinquished by: [Signature] Date: 10/31/2024 Time: 1555
Relinquished by: [Signature] Date: 10/31/2024 Time: 1555

LAB USE ONLY

Sample Temperature 8.7°C / 46°F

8.7°C / 46°F

REMARKS: Standard TAT

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

Page 2 of

Page 18 of 18

[illegible]

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

October 24, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU-2717

Enclosed are the results of analyses for samples received by the laboratory on 10/21/24 15:53.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/21/2024
 Reported: 10/24/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH-51 (4.0') (H246415-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59	
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55	
Total BTX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	144	16.0	10/22/2024	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	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/21/2024
 Reported: 10/24/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH-50 (4.0') (H246415-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59		
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85		
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89		
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55		
Total BTEX	<0.300	0.300	10/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	160	16.0	10/22/2024	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	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 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: 10/21/2024
 Reported: 10/24/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH-52 (4.0') (H246415-04)

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	10/22/2024	ND	1.94	97.2	2.00	5.59		
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85		
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89		
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55		
Total BTEX	<0.300	0.300	10/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	192	16.0	10/22/2024	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	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 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: 10/21/2024
 Reported: 10/24/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH-5 (4.0') (H246415-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59	
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55	
Total BTX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	176	16.0	10/22/2024	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	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 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: 10/21/2024
 Reported: 10/24/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH-2 (4.0') (H246415-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59	
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55	
Total BTX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	736	16.0	10/22/2024	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	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	23.3	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	15.3	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/21/2024
 Reported: 10/24/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH-3 (4.0') (H246415-07)

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	10/22/2024	ND	2.34	117	2.00	12.8		
Toluene*	<0.050	0.050	10/22/2024	ND	2.36	118	2.00	9.65		
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.27	114	2.00	8.04		
Total Xylenes*	<0.150	0.150	10/22/2024	ND	7.03	117	6.00	6.73		
Total BTEX	<0.300	0.300	10/22/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/22/2024	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	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Page 1 of 1



Tetra Tech, Inc.

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

Client Name: Maverick Natural Resources

Site Manager:

Chuck Terhune

Project Name:

EVGSAL-2717

281-755-8965

Project Location:
(county, state)

Lea County, NM

Project #:

chuck.terhune@tetratech.com

212C-MD-03661

Invoice to:

Attn: Chuck Terhune

Receiving Laboratory:

Cardinal Labs

Sampler Signature:

Gustavo Cortez

Comments:

Include : Chris Straub Chris.Straub@tetratech.com Jorge.Fernandez@tetratech.com

SAMPLE IDENTIFICATION

LAB #
(LAB USE ONLY)

DATE

TIME

WATER
SOILHCL
HNO₃

ICE

CONTAINERS

FILTERED (Y/N)

BTX 8021B BTX 8260B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

ANALYSIS REQUEST

(Circle or Specify Method No.)

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LAB USE ONLY

REMARKS: Standard TAT

Relinquished by: Date: 10-21-24 Time: 1554

Received by: Date: 10-21-24 Time: 1553

Relinquished by: Date: Time:

Received by: Date: Time:

Sample Temperature

☐ RUSH: Same Day 24 hr 48 hr 72 hr☐ Rush Charges Authorized☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY



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

November 01, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU-2717

Enclosed are the results of analyses for samples received by the laboratory on 10/28/24 16:02.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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: 10/28/2024
 Reported: 11/01/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 73 (4.0') (H246549-01)

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	10/29/2024	ND	2.05	102	2.00	1.48	
Toluene*	<0.050	0.050	10/29/2024	ND	2.03	102	2.00	1.21	
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.08	104	2.00	0.00394	
Total Xylenes*	<0.150	0.150	10/29/2024	ND	6.22	104	6.00	0.456	
Total BTEX	<0.300	0.300	10/29/2024	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	96.0	16.0	10/29/2024	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	10/29/2024	ND	230	115	200	0.841	
DRO >C10-C28*	<10.0	10.0	10/29/2024	ND	215	108	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	10/29/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/28/2024
 Reported: 11/01/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 74 (4.0') (H246549-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2024	ND	2.05	102	2.00	1.48		
Toluene*	<0.050	0.050	10/29/2024	ND	2.03	102	2.00	1.21		
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.08	104	2.00	0.00394		
Total Xylenes*	<0.150	0.150	10/29/2024	ND	6.22	104	6.00	0.456		
Total BTEX	<0.300	0.300	10/29/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	96.0	16.0	10/29/2024	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	10/29/2024	ND	230	115	200	0.841	
DRO >C10-C28*	<10.0	10.0	10/29/2024	ND	215	108	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	10/29/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 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: 10/28/2024
 Reported: 11/01/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 2 (5.0') (H246549-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2024	ND	2.05	102	2.00	1.48		
Toluene*	<0.050	0.050	10/29/2024	ND	2.03	102	2.00	1.21		
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.08	104	2.00	0.00394		
Total Xylenes*	<0.150	0.150	10/29/2024	ND	6.22	104	6.00	0.456		
Total BTX	<0.300	0.300	10/29/2024	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	64.0	16.0	10/29/2024	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	10/29/2024	ND	230	115	200	0.841	
DRO >C10-C28*	<10.0	10.0	10/29/2024	ND	215	108	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	10/29/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 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: 10/28/2024
 Reported: 11/01/2024
 Project Name: EVGSAU-2717
 Project Number: 212C - MD - 03661
 Project Location: LEA COUNTY, NM

Sampling Date: 10/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 55 (4.0') (H246549-06)

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	10/29/2024	ND	2.05	102	2.00	1.48		
Toluene*	<0.050	0.050	10/29/2024	ND	2.03	102	2.00	1.21		
Ethylbenzene*	<0.050	0.050	10/29/2024	ND	2.08	104	2.00	0.00394		
Total Xylenes*	<0.150	0.150	10/29/2024	ND	6.22	104	6.00	0.456		
Total BTEx	<0.300	0.300	10/29/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	10/29/2024	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	10/29/2024	ND	230	115	200	0.841	
DRO >C10-C28*	<10.0	10.0	10/29/2024	ND	215	108	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	10/29/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Tetra Tech, Inc.

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

[illegible]



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

November 06, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717

Enclosed are the results of analyses for samples received by the laboratory on 11/04/24 12:18.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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: 11/04/2024
 Reported: 11/06/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 1 (H246703-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2024	ND	2.17	108	2.00	2.90	
Toluene*	<0.050	0.050	11/05/2024	ND	2.23	111	2.00	2.91	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.22	111	2.00	2.43	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.61	110	6.00	2.42	
Total BTX	<0.300	0.300	11/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/05/2024	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	11/04/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 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: 11/04/2024
 Reported: 11/06/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 2 (H246703-02)

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	11/05/2024	ND	2.17	108	2.00	2.90		
Toluene*	<0.050	0.050	11/05/2024	ND	2.23	111	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.22	111	2.00	2.43		
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.61	110	6.00	2.42		
Total BTEX	<0.300	0.300	11/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/05/2024	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	11/04/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 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: 11/04/2024
 Reported: 11/06/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 4 (H246703-03)

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	11/05/2024	ND	2.17	108	2.00	2.90		
Toluene*	<0.050	0.050	11/05/2024	ND	2.23	111	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.22	111	2.00	2.43		
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.61	110	6.00	2.42		
Total BTEx	<0.300	0.300	11/05/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/05/2024	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	11/04/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 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: 11/04/2024
 Reported: 11/06/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 6 (H246703-04)

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	11/05/2024	ND	2.17	108	2.00	2.90		
Toluene*	<0.050	0.050	11/05/2024	ND	2.23	111	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.22	111	2.00	2.43		
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.61	110	6.00	2.42		
Total BTEX	<0.300	0.300	11/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/05/2024	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	11/04/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 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: 11/04/2024
 Reported: 11/06/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 8 (H246703-05)

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	11/05/2024	ND	2.17	108	2.00	2.90	
Toluene*	<0.050	0.050	11/05/2024	ND	2.23	111	2.00	2.91	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.22	111	2.00	2.43	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.61	110	6.00	2.42	
Total BTEX	<0.300	0.300	11/05/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/05/2024	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	11/04/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 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: 11/04/2024
 Reported: 11/06/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 9 (H246703-06)

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	11/05/2024	ND	2.17	108	2.00	2.90	
Toluene*	<0.050	0.050	11/05/2024	ND	2.23	111	2.00	2.91	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.22	111	2.00	2.43	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.61	110	6.00	2.42	
Total BTEX	<0.300	0.300	11/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/05/2024	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	11/04/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/04/2024
 Reported: 11/06/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 7 (H246703-07)

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	11/05/2024	ND	2.17	108	2.00	2.90	
Toluene*	<0.050	0.050	11/05/2024	ND	2.23	111	2.00	2.91	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.22	111	2.00	2.43	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.61	110	6.00	2.42	
Total BTEX	<0.300	0.300	11/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/05/2024	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	11/04/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 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: 11/04/2024
 Reported: 11/06/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 33 (H246703-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2024	ND	2.17	108	2.00	2.90		
Toluene*	<0.050	0.050	11/05/2024	ND	2.23	111	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	2.22	111	2.00	2.43		
Total Xylenes*	<0.150	0.150	11/05/2024	ND	6.61	110	6.00	2.42		
Total BTX	<0.300	0.300	11/05/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/05/2024	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	11/05/2024	ND	224	112	200	5.44	
DRO >C10-C28*	<10.0	10.0	11/05/2024	ND	225	113	200	6.38	
EXT DRO >C28-C36	<10.0	10.0	11/05/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Tetra Tech, Inc.

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

[illegible]

Page 11 of 11



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

November 13, 2024

CHRIS STRAUB

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 11/07/24 14:22.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 34 (4') (H246811-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2024	ND	2.08	104	2.00	0.720	
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512	
Total BTX	<0.300	0.300	11/10/2024	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: CT				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/11/2024	ND	432	108	400	7.69	

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 35 (4') (H246811-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	10.7	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 38 (4') (H246811-03)

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	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEx	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 43 (4') (H246811-04)

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	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	43.2	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 47 (4') (H246811-05)

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	11/10/2024	ND	2.08	104	2.00	0.720	
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512	
Total BTEX	<0.300	0.300	11/10/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/11/2024	ND	432	108	400	7.69	

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 75 (4') (H246811-06)

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	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48		
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06		
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND						

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 76 (4') (H246811-07)

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	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 5 (H246811-08)

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	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 10 (H246811-09)

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	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48		
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06		
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND						

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 12 (H246811-10)

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	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEx	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 26 (H246811-11)

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	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48		
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06		
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND						

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 27 (H246811-12)

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	11/11/2024	ND	2.24	112	2.00	1.46		
Toluene*	<0.050	0.050	11/11/2024	ND	2.15	107	2.00	1.72		
Ethylbenzene*	<0.050	0.050	11/11/2024	ND	2.16	108	2.00	2.77		
Total Xylenes*	<0.150	0.150	11/11/2024	ND	6.45	108	6.00	3.09		
Total BTEx	<0.300	0.300	11/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 28 (H246811-13)

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	11/11/2024	ND	2.24	112	2.00	1.46		
Toluene*	<0.050	0.050	11/11/2024	ND	2.15	107	2.00	1.72		
Ethylbenzene*	<0.050	0.050	11/11/2024	ND	2.16	108	2.00	2.77		
Total Xylenes*	<0.150	0.150	11/11/2024	ND	6.45	108	6.00	3.09		
Total BTEX	<0.300	0.300	11/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	336	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	228	114	200	4.48		
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06		
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND						

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/13/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 37 (H246811-14)

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	11/11/2024	ND	2.24	112	2.00	1.46		
Toluene*	<0.050	0.050	11/11/2024	ND	2.15	107	2.00	1.72		
Ethylbenzene*	<0.050	0.050	11/11/2024	ND	2.16	108	2.00	2.77		
Total Xylenes*	<0.150	0.150	11/11/2024	ND	6.45	108	6.00	3.09		
Total BTEX	<0.300	0.300	11/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	160	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/09/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/09/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

Client Name:

Maverick Natural Resources

Site Manager:

Chris Straub

Project Name:

EVGSAU 2717-006

281-755-8965

chris.straub@tetratech.com

Project Location:
(county, state)

Lea, County

Project #:

212C-MD-03661

Invoice to:

Attn: Chuck Terhune

Receiving Laboratory:

Cardinal Labs

Sampler Signature:

Gustavo Cortez
gustavo.cortez@tetratech.com

Comments:

LAB #
(LAB USE ONLY)

YEAR: 2024	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)
	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE			

1	BH-34 (4)	11/6/2024	13:55	X				X		
2	BH-35 (4)	11/6/2024	14:00	X				X		
3	BH-38 (4)	11/6/2024	14:05	X				X		
4	BH-43 (4)	11/6/2024	11:00	X				X		
5	BH-47 (4)	11/6/2024	11:10	X				X		
6	BH-75 (4)	11/6/2024	11:15	X				X		
7	BH-76 (4)	11/6/2024	11:30	X				X		
8	SW-5	11/6/2024	11:35	X				X		
9	SW-10	11/6/2024	13:20	X				X		
10	SW-12	11/6/2024	13:35	X				X		

Relinquished by:

Date: 11-7-24 Time: 14:22

Received by:

Date: 11-7-24 Time: 14:22

Relinquished by:

Date: 11-7-24 Time: 14:22

Received by:

Date: 11-7-24 Time: 14:22

Relinquished by:

Date: 11-7-24 Time: 14:22

Received by:

Date: 11-7-24 Time: 14:22

ANALYSIS REQUEST

(Circle or Specify Method No.)

BTEX 8021B	BTEX 8260B
TPH TX1005 (Ext to C35)	
TPH 8015M (GRO - DRO - ORO)	
PAH 8270C	
Total Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
RCI	
GC/MS Vol. 8260B / 624	
GC/MS Semi. Vol. 8270C/625	
PCB's 8082 / 608	
NORM	
PLM (Asbestos)	
Chloride	
Chloride Sulfate TDS	
General Water Chemistry (see attached list)	
Anion/Cation Balance	
Hold	

LAB USE ONLY

REMARKS:

STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

Sample Temperature

1-7-24 / 1-7-24

1-7-24 / 1-7-24

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 882-4559
Fax (432) 882-3946

Page 2 of 2

Client Name:

Maverick Natural Resources

Site Manager:

Chris Straub

Project Name:

EVGSAU 2717-006

281-755-8965

chris.straub@tetratech.com

Project Location:
(county, state)

Lea, County

Project #:

212C-MD-03661

Invoice to:

Attn: Chuck Terhune

Receiving Laboratory:

Cardinal Labs

Sampler Signature:

Gustavo Cortez

Gustavo Cortez

Comments:

SAMPLE IDENTIFICATION

LAB #
(LAB USE ONLY)

LAB # 4246811

SAMPLING

YEAR: 2024

DATE

TIME

MATRIX

PRESERVATIVE METHOD

WATER

SOIL

HCL

HNO₃

ICE

CONTAINERS

FILTERED (Y/N)

BTEX 8021B

BTEX 8260B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

Relinquished by:

Date: 11-7-24

Time: 14:22

Received by:

Date: 11-7-24

Time: 14:22

Relinquished by:

Date: 11-7-24

Time: 14:22

Received by:

Date: 11-7-24

Time: 14:22

Relinquished by:

Date: 11-7-24

Time: 14:22

Received by:

Date: 11-7-24

Time: 14:22

LAB USE ONLY

REMARKS:

STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

Sample Temperature

11-7-24

11-7-24

11-7-24

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

November 18, 2024

CHRIS STRAUB

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MAVERICK - 2717 -006

Enclosed are the results of analyses for samples received by the laboratory on 11/13/24 15:54.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/13/2024	Sampling Date:	11/13/2024
Reported:	11/18/2024	Sampling Type:	Soil
Project Name:	MAVERICK - 2717 -006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO		

Sample ID: SW - 21 (0-4') (H246928-01)

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	11/15/2024	ND	2.13	107	2.00	5.05		
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13		
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06		
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91		
Total BTEX	<0.300	0.300	11/15/2024	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	480	16.0	11/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 30 (0-4') (H246928-02)

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	11/15/2024	ND	2.13	107	2.00	5.05	
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91	
Total BTEX	<0.300	0.300	11/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	224	16.0	11/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 38 (0-4') (H246928-03)

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	11/15/2024	ND	2.13	107	2.00	5.05	
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91	
Total BTEX	<0.300	0.300	11/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	240	16.0	11/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	41.9	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	43.2	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 25 (4') (H246928-04)

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	11/15/2024	ND	2.13	107	2.00	5.05	
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91	
Total BTEX	<0.300	0.300	11/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	176	16.0	11/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	288	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	133	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 27 (4') (H246928-05)

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	11/15/2024	ND	2.13	107	2.00	5.05	
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91	
Total BTEX	<0.300	0.300	11/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	288	16.0	11/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	21.9	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	13.7	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 28 (4') (H246928-06)

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	11/15/2024	ND	2.13	107	2.00	5.05		
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13		
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06		
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91		
Total BTEX	<0.300	0.300	11/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	11/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	24.0	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 29 (4') (H246928-07)

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	11/15/2024	ND	2.13	107	2.00	5.05	
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91	
Total BTEX	<0.300	0.300	11/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	448	16.0	11/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 30 (4') (H246928-08)

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	11/15/2024	ND	2.13	107	2.00	5.05	
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91	
Total BTEX	<0.300	0.300	11/15/2024	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	592	16.0	11/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	64.7	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	17.7	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

Cardinal Laboratories

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 31 (4') (H246928-09)

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	11/15/2024	ND	2.13	107	2.00	5.05	
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91	
Total BTEX	<0.300	0.300	11/15/2024	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	800	16.0	11/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	21.7	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 32 (4') (H246928-10)

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	11/15/2024	ND	2.13	107	2.00	5.05		
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13		
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06		
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91		
Total BTEX	<0.300	0.300	11/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	496	16.0	11/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/13/2024
 Reported: 11/18/2024
 Project Name: MAVERICK - 2717 -006
 Project Number: NONE GIVEN
 Project Location: LEA CO

Sampling Date: 11/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH - 33 (4') (H246928-11)

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	11/15/2024	ND	2.13	107	2.00	5.05	
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91	
Total BTEX	<0.300	0.300	11/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	352	16.0	11/14/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	40.3	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 36 (4') (H246928-12)

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	11/15/2024	ND	2.13	107	2.00	5.05		
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13		
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06		
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91		
Total BTEX	<0.300	0.300	11/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	11/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	139	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	39.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 37 (4') (H246928-13)

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	11/15/2024	ND	2.13	107	2.00	5.05		
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13		
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06		
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91		
Total BTEX	<0.300	0.300	11/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	1800	16.0	11/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	255	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	75.2	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 21 (4') (H246928-14)

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	11/15/2024	ND	2.13	107	2.00	5.05	
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13	
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91	
Total BTEX	<0.300	0.300	11/15/2024	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	4080	16.0	11/14/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	84.1	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	22.6	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/13/2024
Reported: 11/18/2024
Project Name: MAVERICK - 2717 -006
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 11/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 70 (4') (H246928-15)

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	11/15/2024	ND	2.13	107	2.00	5.05		
Toluene*	<0.050	0.050	11/15/2024	ND	2.02	101	2.00	5.13		
Ethylbenzene*	<0.050	0.050	11/15/2024	ND	2.00	99.9	2.00	5.06		
Total Xylenes*	<0.150	0.150	11/15/2024	ND	5.93	98.9	6.00	4.91		
Total BTEX	<0.300	0.300	11/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	11/14/2024	ND	432	108	400	7.69		

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	11/14/2024	ND	212	106	200	3.88	
DRO >C10-C28*	23.7	10.0	11/14/2024	ND	214	107	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Mike Snyder For 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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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: <u>Petra Tech</u>		P.O. #:	
Project Manager: <u>Chris Straub</u>		Company: <u>Petra Tech</u>	
Address:		Attn: <u>Chris Straub</u>	
City:	State:	Zip:	Address:
Phone #:	Fax #:	City:	State:
Project #:	Project Owner:	Zip:	Phone #:
Project Name: <u>Maverick - 2717 - 006</u>		Fax #:	
Project Location: <u>Lea County</u>		Sample Name: <u>Maverick Floors</u>	
FOR LAB USE ONLY		MATRIX	
		PRESERV.	
		SAMPLING	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH (DRO / GRO / ORO)	BTEX	chloride 4500
<u>H246928</u>	<u>BW-21 (64)</u>		1			X					X		<u>11/19/24</u>	<u>14:34</u>			
<u>4.5</u>	<u>SW-30 (10-4)</u>		1										<u>11/19/24</u>	<u>14:34</u>			
<u>2</u>	<u>SW-38 (10-4)</u>		1										<u>11/19/24</u>	<u>14:34</u>			
<u>3</u>	<u>BH-25 (4)</u>		1										<u>11/19/24</u>	<u>14:34</u>			
<u>4</u>	<u>BH-27 (4)</u>		1										<u>11/19/24</u>	<u>14:34</u>			
<u>5</u>	<u>BH-28 (4)</u>		1										<u>11/19/24</u>	<u>14:34</u>			
<u>6</u>	<u>BH-29 (4)</u>		1										<u>11/19/24</u>	<u>14:34</u>			
<u>7</u>	<u>BH-30 (4)</u>		1										<u>11/19/24</u>	<u>14:34</u>			
<u>8</u>	<u>BH-31 (4)</u>		1										<u>11/19/24</u>	<u>14:34</u>			

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Relinquished By:

Date: 11/19/24

Received By:

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

All Results are emailed. Please provide Email address:

Relinquished By:

Date:

Received By:

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C: 4.92

Sample Condition

CHECKED BY: (Initials)

Turnaround Time:

Standard

Bacteria (only)

Sample Condition

Sampler - UPS - Bus - Other:

Corrected Temp. °C: 4.33

Cool Intact

Thermometer ID #140

Correction Factor -0.5°C

Cool Intact

Observed Temp. °C

Corrected Temp. °C

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Tetra Tech</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Chris Straub</u>		Company: <u>Tetra Tech</u>					
Address:		Attn: <u>Chris Straub</u>					
City:		Address:					
State:		City:					
Zip:		State:					
Phone #:		Fax #:					
Project #:		Project Owner:					
Project Location: <u>Marine - 2717-006</u>		City:					
Sample Name: <u>Myrabel Flores</u>		State:					
FOR LAB USE ONLY		Phone #:					
		Fax #:					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS	
Matrix		PRESERV.		SAMPLING			
GROUNDWATER		WASTEWATER		SOIL		OIL	
SLUDGE		OTHER:		ACID/BASE:		ICE / COOL	
OTHER:		DATE		TIME			
10 BH-32 (4)		11/13/24		13:01		TPHLDRO/GRO/GRO	
11 BH-33 (4)		13:02				BTX	
12 BH-36 (4)		13:04				Chloride 4500	
13 BH-37 (4)		13:05					
14 BH-21 (4)		12:01					
15 BH-70 (4)		14:42					

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Relinquished By: Calvin Sanchez Date: 11/13/24 Time: 1554 Received By: Shedrick

Relinquished By: Date: Time: Received By:

Delivered By: (Circle One) Observed Temp. °C: 4.9 Sample Condition: Intact Checked By: SR

Sampler - UPS - Bus - Other: Corrected Temp. °C: 4.3 ☐ Yes ☒ No ☐ Yes ☒ No

Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C Standard: 724ms ☒ Bacteria (only) Sample Condition: Intact Observed Temp. °C: 724ms ☒ Yes ☒ No ☐ Yes ☒ No Corrected Temp. °C:

Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:

REMARKS:



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

December 06, 2024

CHRIS STRAUB

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 12/03/24 14:11.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 13 (H247346-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/05/2024	ND	448	112	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	12/04/2024	ND	196	97.8	200	7.07	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	182	91.0	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 14 (H247346-02)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/05/2024	ND	448	112	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	12/04/2024	ND	196	97.8	200	7.07	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	182	91.0	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 15 (H247346-03)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/05/2024	ND	448	112	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	12/04/2024	ND	196	97.8	200	7.07	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	182	91.0	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 16 (H247346-04)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/05/2024	ND	448	112	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	12/04/2024	ND	196	97.8	200	7.07	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	182	91.0	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 17 (H247346-05)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEx	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2024	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	12/04/2024	ND	196	97.8	200	7.07	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	182	91.0	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 18 (H247346-06)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2024	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	12/04/2024	ND	196	97.8	200	7.07	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	182	91.0	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 19 (H247346-07)

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	12/04/2024	ND	2.16	108	2.00	0.591	
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559	
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524	
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586	
Total BTEX	<0.300	0.300	12/04/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/04/2024	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	12/04/2024	ND	231	116	200	0.517	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	213	107	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 23 (H247346-08)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2024	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	12/04/2024	ND	231	116	200	0.517	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	213	107	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 24 (H247346-09)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/04/2024	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	12/04/2024	ND	231	116	200	0.517	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	213	107	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW 25 (H247346-10)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2024	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	12/04/2024	ND	231	116	200	0.517	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	213	107	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH 60 (3.5-4') (H247346-11)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2024	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	12/04/2024	ND	231	116	200	0.517	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	213	107	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH 61 (3.5-4') (H247346-12)

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	12/04/2024	ND	2.16	108	2.00	0.591		
Toluene*	<0.050	0.050	12/04/2024	ND	2.24	112	2.00	0.559		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.19	110	2.00	0.524		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.85	114	6.00	0.586		
Total BTEX	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/04/2024	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	12/04/2024	ND	231	116	200	0.517	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	213	107	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH 63 (3.5-4') (H247346-13)

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	12/04/2024	ND	2.15	107	2.00	1.77		
Toluene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	1.19		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.08	104	2.00	0.673		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.21	103	6.00	0.516		
Total BTEx	<0.300	0.300	12/04/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2024	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	12/04/2024	ND	201	100	200	3.32	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	196	97.8	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH 64 (3.5-4') (H247346-14)

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	12/04/2024	ND	2.15	107	2.00	1.77		
Toluene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	1.19		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.08	104	2.00	0.673		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.21	103	6.00	0.516		
Total BTEX	<0.300	0.300	12/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/04/2024	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	12/04/2024	ND	201	100	200	3.32	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	196	97.8	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH 65 (3.5-4') (H247346-15)

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	12/04/2024	ND	2.15	107	2.00	1.77		
Toluene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	1.19		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.08	104	2.00	0.673		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.21	103	6.00	0.516		
Total BTEX	<0.300	0.300	12/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2024	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	12/04/2024	ND	201	100	200	3.32	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	196	97.8	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	12/03/2024	Sampling Date:	12/03/2024
Reported:	12/06/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717-006	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02377	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH 66 (3.5-4') (H247346-16)

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	12/04/2024	ND	2.15	107	2.00	1.77		
Toluene*	<0.050	0.050	12/04/2024	ND	2.07	104	2.00	1.19		
Ethylbenzene*	<0.050	0.050	12/04/2024	ND	2.08	104	2.00	0.673		
Total Xylenes*	<0.150	0.150	12/04/2024	ND	6.21	103	6.00	0.516		
Total BTEX	<0.300	0.300	12/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/04/2024	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	12/04/2024	ND	201	100	200	3.32	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	196	97.8	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech Project Manager: Chris Straub Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: EVASAN 2717-006 Project Location: Leach, NM Sampler Name: AK FOR LAB USE ONLY				BILL TO P.O. #: Company: Tetra Tech Attn: Chris Straub Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST							
Lab I.D. Sample I.D.				Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				Preserv. ACID/BASE: ICE / COOL OTHER:				SAMPLING DATE TIME			
SW 13 SW 14 SW 15 SW 16 SW 17 SW 18 SW 19 SW 23 SW 24 SW 25				X X X X X X X X X				12/3 12/3 12/3 12/3 12/3 12/3 12/3 12/3 12/3				TPH BTEX Chloride			
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Observed Temp. °C 5.8 Corrected Temp. °C 5.2 Sample Condition Cool Intact ☐ Yes ☐ No Intact ☐ Yes ☐ No				CHECKED BY: (Initials) Turnaround Time: Standard ☐ Rush ☒ Thermometer ID #140 Correction Factor -0.8°C Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C							

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Tekra Tech</u> Project Manager: <u>Chris Straub</u> Address: City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>EVASAU 0717-006</u> Project Location: <u>Lea Co. NM</u> Sample Name: <u>A4</u> FOR LAB USE ONLY				BILL TO P.O. #: _____ Company: <u>Tekra Tech</u> Attn: <u>Chris Straub</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____			
Lab I.D. _____ Sample I.D. _____				MATRIX ☐ GROUNDWATER ☐ WASTEWATER ☒ SOIL ☐ OIL ☐ SLUDGE ☐ OTHER: _____			
FOR LAB USE ONLY (G)RAB OR (C)OMP. _____ # CONTAINERS _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____				PRESERV. _____ SAMPLING _____			
11 BH 60 (35'4") 12 BH 61 (35'4") 13 BH 63 (35'4") 14 BH 64 (35'4") 15 BH 65 (35'4") 16 BH 66 (35'4")				DATE TIME 12/3 10:00 12/3 10:05 12/3 10:10 12/3 10:15 12/3 10:20 12/3 10:25			
(G)RAB OR (C)OMP. _____ # CONTAINERS _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____				DATE TIME 12/3 10:00 12/3 10:05 12/3 10:10 12/3 10:15 12/3 10:20 12/3 10:25			
TP4 BTEX Chloride							

REMARKS: _____
Turnaround Time: _____ **Standard** ☐ **Rush** ☒
Thermometer ID #140 **Correction Factor -0.6°C** **72 hr**
Thermometer ID #140 **Correction Factor -0.6°C**

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:** _____
All Results are emailed. Please provide Email address: _____

Delivered By: (Circle One) **Observed Temp. °C** 58- **Sample Condition**
Sampler - UPS - Bus - Other: **Corrected Temp. °C** 5.2 ☐ Cool ☒ Intact
Form 000-K-3-9-000024 ☐ Yes ☐ No ☐ Yes ☐ No



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

November 27, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717

Enclosed are the results of analyses for samples received by the laboratory on 11/22/24 14:47.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For 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: 11/22/2024
 Reported: 11/27/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 62 (4.0') (H247188-01)

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	11/26/2024	ND	1.84	91.8	2.00	10.8	
Toluene*	<0.050	0.050	11/26/2024	ND	1.85	92.6	2.00	14.8	
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.98	98.8	2.00	12.4	
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.86	97.7	6.00	12.9	
Total BTEX	<0.300	0.300	11/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	576	16.0	11/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/25/2024	ND	196	98.0	200	0.148	
DRO >C10-C28*	<10.0	10.0	11/25/2024	ND	190	94.8	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/25/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Mike Snyder For 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: 11/22/2024
 Reported: 11/27/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 67 (4.0') (H247188-02)

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	11/26/2024	ND	1.84	91.8	2.00	10.8		
Toluene*	<0.050	0.050	11/26/2024	ND	1.85	92.6	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.98	98.8	2.00	12.4		
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.86	97.7	6.00	12.9		
Total BTEx	<0.300	0.300	11/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	11/26/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	196	98.0	200	0.148	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	190	94.8	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For 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: 11/22/2024
 Reported: 11/27/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 68 (4.0') (H247188-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/26/2024	ND	1.84	91.8	2.00	10.8		
Toluene*	<0.050	0.050	11/26/2024	ND	1.85	92.6	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.98	98.8	2.00	12.4		
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.86	97.7	6.00	12.9		
Total BTX	<0.300	0.300	11/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	11/26/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	196	98.0	200	0.148	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	190	94.8	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For 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: 11/22/2024
 Reported: 11/27/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH - 69 (4.0') (H247188-04)

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	11/26/2024	ND	1.84	91.8	2.00	10.8		
Toluene*	<0.050	0.050	11/26/2024	ND	1.85	92.6	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.98	98.8	2.00	12.4		
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.86	97.7	6.00	12.9		
Total BTEX	<0.300	0.300	11/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/26/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	196	98.0	200	0.148	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	190	94.8	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Mike Snyder For 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: 11/22/2024
 Reported: 11/27/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 21 (H247188-05)

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	11/26/2024	ND	1.84	91.8	2.00	10.8		
Toluene*	<0.050	0.050	11/26/2024	ND	1.85	92.6	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.98	98.8	2.00	12.4		
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.86	97.7	6.00	12.9		
Total BTEx	<0.300	0.300	11/26/2024	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	32.0	16.0	11/26/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	196	98.0	200	0.148	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	190	94.8	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For 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: 11/22/2024
 Reported: 11/27/2024
 Project Name: EVGSAU 2717
 Project Number: 212C - MD - 03661
 Project Location: LEA CO NM

Sampling Date: 11/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 20 (H247188-06)

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	11/26/2024	ND	1.84	91.8	2.00	10.8		
Toluene*	<0.050	0.050	11/26/2024	ND	1.85	92.6	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/26/2024	ND	1.98	98.8	2.00	12.4		
Total Xylenes*	<0.150	0.150	11/26/2024	ND	5.86	97.7	6.00	12.9		
Total BTEX	<0.300	0.300	11/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	32.0	16.0	11/26/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/26/2024	ND	196	98.0	200	0.148	
DRO >C10-C28*	<10.0	10.0	11/26/2024	ND	190	94.8	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/26/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Page 1 of 1

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

Client Name: Maverick Natural Resources		Site Manager: Chuck Terhune	
Project Name: EVGSAU 2717		281-755-8965	
Project Location: Lea County, NM		chuck.terhune@tetratech.com	
Invoice to: (county, state)		212C-MD-03661	
Attn: Chuck Terhune		Sampler Signature: Jorge Fernandez	
Receiving Laboratory: Cardinal Labs		Jorge Fernandez	
Comments: Include : Chris Straub Chris.Straub@tetratech.com Jorge.Fernandez@tetratech.com			
LAB # H24-1188 LAB USE ONLY			
SAMPLE IDENTIFICATION			
YEAR: 2024			
DATE			
TIME			
WATER			
SOIL			
HCL			
HNO3			
ICE			
# CONTAINERS			
FILTERED (Y/N)			
BTEX 8021B BTEX 8260B			
TPH TX1005 (Ext to C35)			
TPH 8015M (GRO - DRO - ORO - MRO)			
PAH 8270C			
Total Metals Ag As Ba Cd Cr Pb Se Hg			
TCLP Metals Ag As Ba Cd Cr Pb Se Hg			
TCLP Volatiles			
TCLP Semi Volatiles			
RCI			
GC/MS Vol. 8260B / 624			
GC/MS Semi. Vol. 8270C/625			
PCB's 8082 / 608			
NORM			
PLM (Asbestos)			
Chloride			
Chloride Sulfate TDS			
General Water Chemistry (see attached list)			
Anion/Cation Balance			
Hold			

Page 9 of 9



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

February 20, 2025

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717

Enclosed are the results of analyses for samples received by the laboratory on 02/19/25 15:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/19/2025	Sampling Date:	02/19/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 40 (H250993-01)

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	02/20/2025	ND	2.03	102	2.00	1.86	
Toluene*	<0.050	0.050	02/20/2025	ND	2.16	108	2.00	3.15	
Ethylbenzene*	<0.050	0.050	02/20/2025	ND	2.23	111	2.00	3.24	
Total Xylenes*	<0.150	0.150	02/20/2025	ND	6.83	114	6.00	2.26	
Total BTEx	<0.300	0.300	02/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	02/20/2025	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	02/20/2025	ND	221	111	200	0.119	
DRO >C10-C28*	<10.0	10.0	02/20/2025	ND	212	106	200	0.754	
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/19/2025	Sampling Date:	02/19/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 41 (H250993-02)

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	02/20/2025	ND	2.03	102	2.00	1.86		
Toluene*	<0.050	0.050	02/20/2025	ND	2.16	108	2.00	3.15		
Ethylbenzene*	<0.050	0.050	02/20/2025	ND	2.23	111	2.00	3.24		
Total Xylenes*	<0.150	0.150	02/20/2025	ND	6.83	114	6.00	2.26		
Total BTEX	<0.300	0.300	02/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	640	16.0	02/20/2025	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	02/20/2025	ND	221	111	200	0.119	
DRO >C10-C28*	<10.0	10.0	02/20/2025	ND	212	106	200	0.754	
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 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:	02/19/2025	Sampling Date:	02/19/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 34 (H250993-03)

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	02/20/2025	ND	2.03	102	2.00	1.86		
Toluene*	<0.050	0.050	02/20/2025	ND	2.16	108	2.00	3.15		
Ethylbenzene*	<0.050	0.050	02/20/2025	ND	2.23	111	2.00	3.24		
Total Xylenes*	<0.150	0.150	02/20/2025	ND	6.83	114	6.00	2.26		
Total BTEx	<0.300	0.300	02/20/2025	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	848	16.0	02/20/2025	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	02/20/2025	ND	221	111	200	0.119	
DRO >C10-C28*	<10.0	10.0	02/20/2025	ND	212	106	200	0.754	
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 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:	02/19/2025	Sampling Date:	02/19/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 39 (H250993-04)

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	02/20/2025	ND	2.03	102	2.00	1.86		
Toluene*	<0.050	0.050	02/20/2025	ND	2.16	108	2.00	3.15		
Ethylbenzene*	<0.050	0.050	02/20/2025	ND	2.23	111	2.00	3.24		
Total Xylenes*	<0.150	0.150	02/20/2025	ND	6.83	114	6.00	2.26		
Total BTEX	<0.300	0.300	02/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	720	16.0	02/20/2025	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	02/20/2025	ND	221	111	200	0.119	
DRO >C10-C28*	<10.0	10.0	02/20/2025	ND	212	106	200	0.754	
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/19/2025	Sampling Date:	02/19/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH - 77 (4.0') (H250993-05)

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	02/20/2025	ND	2.03	102	2.00	1.86		
Toluene*	<0.050	0.050	02/20/2025	ND	2.16	108	2.00	3.15		
Ethylbenzene*	<0.050	0.050	02/20/2025	ND	2.23	111	2.00	3.24		
Total Xylenes*	<0.150	0.150	02/20/2025	ND	6.83	114	6.00	2.26		
Total BTEX	<0.300	0.300	02/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	1380	16.0	02/20/2025	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	02/20/2025	ND	221	111	200	0.119	
DRO >C10-C28*	<10.0	10.0	02/20/2025	ND	212	106	200	0.754	
EXT DRO >C28-C36	<10.0	10.0	02/20/2025	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Tetra Tech, Inc.

ANALYSIS REQUEST
(Circle or Specify Method No.)

Page 8 of 8



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

December 09, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717

Enclosed are the results of analyses for samples received by the laboratory on 12/05/24 13:18.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/05/2024	Sampling Date:	12/05/2024
Reported:	12/09/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 29 (H247405-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2024	ND	2.26	113	2.00	0.742	
Toluene*	<0.050	0.050	12/05/2024	ND	2.28	114	2.00	0.840	
Ethylbenzene*	<0.050	0.050	12/05/2024	ND	2.22	111	2.00	1.17	
Total Xylenes*	<0.150	0.150	12/05/2024	ND	6.90	115	6.00	0.899	
Total BTX	<0.300	0.300	12/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/06/2024	ND	464	116	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	12/05/2024	ND	218	109	200	2.65	
DRO >C10-C28*	<10.0	10.0	12/05/2024	ND	201	100	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	12/05/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 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:	12/05/2024	Sampling Date:	12/05/2024
Reported:	12/09/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 35 (H247405-02)

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	12/05/2024	ND	2.26	113	2.00	0.742		
Toluene*	<0.050	0.050	12/05/2024	ND	2.28	114	2.00	0.840		
Ethylbenzene*	<0.050	0.050	12/05/2024	ND	2.22	111	2.00	1.17		
Total Xylenes*	<0.150	0.150	12/05/2024	ND	6.90	115	6.00	0.899		
Total BTEX	<0.300	0.300	12/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/06/2024	ND	464	116	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	12/05/2024	ND	218	109	200	2.65	
DRO >C10-C28*	<10.0	10.0	12/05/2024	ND	201	100	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	12/05/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Page 1 of 1

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

Chuck Terhune

281-755-8965

chuck.terhune@tetrattech.com

Attn: Chuck Terhune

Jorge Fernandez

Include : Chris Straub Chris.Straub@tetratech.com Jorge.Fernandez@tetratech.com

FILTERED (Y/N)

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Standard TAT

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☐ Rush Charges Authorized

☐ Special Report Limits or TRRP ReportANALYSIS REQUEST
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Page 5 of 5



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

December 09, 2024

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717

Enclosed are the results of analyses for samples received by the laboratory on 12/04/24 14:34.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/04/2024	Sampling Date:	12/04/2024
Reported:	12/09/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH-56 (4.0') (H247380-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/05/2024	ND	2.21	111	2.00	6.37		
Toluene*	<0.050	0.050	12/05/2024	ND	2.20	110	2.00	10.0		
Ethylbenzene*	<0.050	0.050	12/05/2024	ND	2.31	115	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/05/2024	ND	7.02	117	6.00	15.8		
Total BTX	<0.300	0.300	12/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/05/2024	ND	448	112	400	3.51		

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	12/04/2024	ND	213	107	200	5.36	
DRO >C10-C28*	<10.0	10.0	12/04/2024	ND	211	105	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	12/04/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 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:	12/04/2024	Sampling Date:	12/04/2024
Reported:	12/09/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH-57 (4.0') (H247380-02)

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	12/05/2024	ND	2.21	111	2.00	6.37		
Toluene*	<0.050	0.050	12/05/2024	ND	2.20	110	2.00	10.0		
Ethylbenzene*	<0.050	0.050	12/05/2024	ND	2.31	115	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/05/2024	ND	7.02	117	6.00	15.8		
Total BTEX	<0.300	0.300	12/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	12/05/2024	ND	448	112	400	3.51		

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	12/05/2024	ND	213	107	200	5.36	
DRO >C10-C28*	<10.0	10.0	12/05/2024	ND	211	105	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	12/05/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 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:	12/04/2024	Sampling Date:	12/04/2024
Reported:	12/09/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH-58 (4.0') (H247380-03)

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	12/05/2024	ND	2.21	111	2.00	6.37	
Toluene*	<0.050	0.050	12/05/2024	ND	2.20	110	2.00	10.0	
Ethylbenzene*	<0.050	0.050	12/05/2024	ND	2.31	115	2.00	14.0	
Total Xylenes*	<0.150	0.150	12/05/2024	ND	7.02	117	6.00	15.8	
Total BTEX	<0.300	0.300	12/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/05/2024	ND	448	112	400	3.51	

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	12/05/2024	ND	213	107	200	5.36	
DRO >C10-C28*	<10.0	10.0	12/05/2024	ND	211	105	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	12/05/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 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:	12/04/2024	Sampling Date:	12/04/2024
Reported:	12/09/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: BH-59 (4.0') (H247380-04)

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	12/05/2024	ND	2.21	111	2.00	6.37		
Toluene*	<0.050	0.050	12/05/2024	ND	2.20	110	2.00	10.0		
Ethylbenzene*	<0.050	0.050	12/05/2024	ND	2.31	115	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/05/2024	ND	7.02	117	6.00	15.8		
Total BTEX	<0.300	0.300	12/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/05/2024	ND	448	112	400	3.51		

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	12/05/2024	ND	213	107	200	5.36	
DRO >C10-C28*	<10.0	10.0	12/05/2024	ND	211	105	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	12/05/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 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:	12/04/2024	Sampling Date:	12/04/2024
Reported:	12/09/2024	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Alyssa Parras
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW-22 (H247380-05)

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	12/05/2024	ND	2.21	111	2.00	6.37		
Toluene*	<0.050	0.050	12/05/2024	ND	2.20	110	2.00	10.0		
Ethylbenzene*	<0.050	0.050	12/05/2024	ND	2.31	115	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/05/2024	ND	7.02	117	6.00	15.8		
Total BTEX	<0.300	0.300	12/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	12/05/2024	ND	448	112	400	3.51		

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	12/05/2024	ND	213	107	200	5.36	
DRO >C10-C28*	<10.0	10.0	12/05/2024	ND	211	105	200	6.95	
EXT DRO >C28-C36	<10.0	10.0	12/05/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Page 1 of 1



Tetra Tech, Inc.

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

Client Name:

Maverick Natural Resources

Site Manager:

Chuck Terhune

Project Name:

EVGSAU 2717

281-755-8965

Project Location:
(county, state)

Lea County, NM

Project #:

chuck.terhune@tetratech.com

212C-MD-03661

Invoice to:

Attn: Chuck Terhune

Receiving Laboratory:

Cardinal Labs

Sampler Signature:

Jorge Fernandez

Comments:

Include : Chris Straub Chris.Straub@tetratech.com Jorge.Fernandez@tetratech.com

SAMPLE IDENTIFICATION

LAB #

YEAR: 2024

DATE

TIME

WATER
SOILHCL
HNO₃

ICE

CONTAINERS

FILTERED (Y/N)

BTEX 8021B BTEX 8260B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

ANALYSIS REQUEST

(Circle or Specify Method No.)

Relinquished by:

Date: Time: 1435

Relinquished by:

Date: Time: 12-1-24

Relinquished by:

Date: Time:

Received by:

Date: Time: 1134

Received by:

Date: Time:

Received by:

Date: Time:

REMARKS: Standard TAT

LAB USE
ONLY

Sample Temperature

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

ORIGINAL COPY

Page 8 of 8



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

February 27, 2025

CHUCK TERHUNE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EVGSAU 2717

Enclosed are the results of analyses for samples received by the laboratory on 02/25/25 15:48.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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:	02/25/2025	Sampling Date:	02/25/2025
Reported:	02/27/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 40 (H251124-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.97	98.6	2.00	1.29	
Toluene*	<0.050	0.050	02/26/2025	ND	2.00	99.9	2.00	1.02	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	1.90	94.8	2.00	0.927	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	5.61	93.5	6.00	0.947	
Total BTX	<0.300	0.300	02/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/26/2025	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	02/27/2025	ND	201	101	200	4.39	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	198	98.8	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	02/25/2025	Sampling Date:	02/25/2025
Reported:	02/27/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 41 (H251124-02)

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	02/26/2025	ND	1.97	98.6	2.00	1.29		
Toluene*	<0.050	0.050	02/26/2025	ND	2.00	99.9	2.00	1.02		
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	1.90	94.8	2.00	0.927		
Total Xylenes*	<0.150	0.150	02/26/2025	ND	5.61	93.5	6.00	0.947		
Total BTEX	<0.300	0.300	02/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	02/26/2025	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	02/27/2025	ND	209	105	200	1.64	
DRO >C10-C28*	26.4	10.0	02/27/2025	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	11.1	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	02/25/2025	Sampling Date:	02/25/2025
Reported:	02/27/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 34 (H251124-03)

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	02/26/2025	ND	1.97	98.6	2.00	1.29		
Toluene*	<0.050	0.050	02/26/2025	ND	2.00	99.9	2.00	1.02		
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	1.90	94.8	2.00	0.927		
Total Xylenes*	<0.150	0.150	02/26/2025	ND	5.61	93.5	6.00	0.947		
Total BTEX	<0.300	0.300	02/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	02/26/2025	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	02/27/2025	ND	209	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	02/25/2025	Sampling Date:	02/25/2025
Reported:	02/27/2025	Sampling Type:	Soil
Project Name:	EVGSAU 2717	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03661	Sample Received By:	Shalyn Rodriguez
Project Location:	MAVERICK - LEA CO NM		

Sample ID: SW - 39 (H251124-04)

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	02/26/2025	ND	1.97	98.6	2.00	1.29		
Toluene*	<0.050	0.050	02/26/2025	ND	2.00	99.9	2.00	1.02		
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	1.90	94.8	2.00	0.927		
Total Xylenes*	<0.150	0.150	02/26/2025	ND	5.61	93.5	6.00	0.947		
Total BTEX	<0.300	0.300	02/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/26/2025	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	02/27/2025	ND	209	105	200	1.64	
DRO >C10-C28*	653	10.0	02/27/2025	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	141	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

Client Name:

Maverick Natural Resources

Site Manager:

Chuck Terhune

Project Name:

EVGSAU 2717

281-755-8965

Project Location:

Lea County, NM

Project #:

chuck.terhune@tetratech.com
212C-MD-03661

Invoice to:

Attn: Chuck Terhune

Receiving Laboratory:

Cardinal Labs

Sampler Signature:

Jorge Fernandez

Comments:

Include : Chris Straub Chris.Straub@tetratech.com Jorge Fernandez Jorge.Fernandez@tetratech.com

LAB #

LAB USE ONLY

SAMPLE IDENTIFICATION

SAMPLING

DATE

TIME

WATER

SOIL

HCL

HNO₃

ICE

CONTAINERS

FILTERED (Y/N)

BTX 8021B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

BTX 8021B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

BTX 8021B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

BTX 8021B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

BTX 8021B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

BTX 8021B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

BTX 8021B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

BTX 8021B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

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TCLP Semi Volatiles

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PLM (Asbestos)

Chloride

Chloride Sulfate TDS

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Anion/Cation Balance

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TCLP Metals Ag As Ba Cd Cr Pb Se Hg

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TCLP Semi Volatiles

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GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

BTX 8021B

TPH TX1005 (Ext to C35)

*Remediation Closure Report
EVGSAU 2717-006 Flowline Release nAPP2413458571
September 24, 2026*

APPENDIX G – NMSLO SEED MIX

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

QUESTIONS

Action 627560

QUESTIONS

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 627560
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413458571
Incident Name	NAPP2413458571 EVGSAU 2717-006 FLOWLINE RELEASE @ 30-025-20835
Incident Type	Produced Water 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 FLOWLINE RELEASE
Date Release Discovered	05/13/2024
Surface Owner	State

Incident Details*Please answer all the questions in this group.*

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 3 BBL Recovered: 2 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 12 BBL Recovered: 8 BBL Lost: 4 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 May 13, 2024, a flowline release was discovered that released approximately 12 bbls of produced water and 3 bbls of oil into the pasture. initial response recovered approximately 10 bbls of fluid.

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QUESTIONS, Page 2

Action 627560

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 627560
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<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: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 09/24/2026
--	--

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QUESTIONS, Page 3

Action 627560

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID:
	331199
	Action Number:
	627560
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	Between 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 300 and 500 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 300 and 500 (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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	9300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	5990
GRO+DRO (EPA SW-846 Method 8015M)	4870
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	10/21/2024
On what date will (or did) the final sampling or liner inspection occur	03/05/2025
On what date will (or was) the remediation complete(d)	03/06/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	2900
What is the estimated volume (in cubic yards) that will be remediated	430
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 627560

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 627560
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 09/24/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 627560

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 627560
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 627560

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 627560
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	437403
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/05/2025
What was the (estimated) number of samples that were to be gathered	4
What was the sampling surface area in square feet	800

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	2900
What was the total volume (cubic yards) remediated	430
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	0
What was the total volume (in cubic yards) reclaimed	0
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: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 09/24/2026
--	--

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QUESTIONS, Page 7

Action 627560

QUESTIONS (continued)

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	Action Number: 627560
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 627560

CONDITIONS

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 627560
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/24/2026