



January 27<sup>th</sup>, 2025

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

**Re: Remediation Report and Closure Report  
Energy Transfer Processing & Gathering  
Hobbs Sweet Crude Trucking Station Release  
Unit Letter C, Section 22, Township 19 South, Range 38 East  
Lea County, New Mexico  
Incident ID# nAPP2431239753**

Dear Sir or Madam,

Tetra Tech, Inc. (Tetra Tech) was contracted by Energy Transfer Company (ETC) to assess and remediate a release that occurred from an injection header attributed to human error associated with the Hobbs Sweet Crude Trucking Station in Hobbs, NM. The release footprint is located near East Arco Road in Public Land Survey System (PLSS) Unit Letter C, Section 22, Township 19 South, Range 38 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.652688°, -103.138970° as shown in **Figures 1** and **Figure 2**.

## BACKGROUND

According to the State of New Mexico C-141 Initial Report, the release was discovered on November 6<sup>th</sup>, 2024, by Energy Transfer personnel. The cause of the release was attributed to a crude trucking driver that left a valve open on the injection header causing the header to overflow. As a result, this led to approximately 48 bbls of crude oil being release onto the surrounding caliche pad. Approximately 37 bbls of crude oil was recovered during the initial response. The NMOCD received the Initial C-141 on January 9<sup>th</sup>, 2025, and subsequently assigned the release Incident ID nAPP2431239753. The initial C-141 Release notification form is available from the NMOCD ePermitting portal under incident ID nAPP2431239753.

## SITE CHARACTERIZATION

Tetra Tech performed a Site characterization that included the identification of sensitive receptors, a depth to groundwater determination, and assessment of site soils. Site Characterization data are summarized below and included in **Attachment 1**.

### Site Characterization Summary

Shallowest Depth to Groundwater (feet bgs)	51 to 75 feet bgs
Method to determine depth to groundwater	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
Distance to a continuously flowing watercourse	>5 Miles
Distance to any lakebed, sinkhole, or playa lake	0.5 to 1 Miles

**Tetra Tech, Inc.**

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### Site Characterization Summary

Distance to any occupied permanent residence, school, hospital, institution, or church	1000 ft to 0.5 Miles
Distance to A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	500 to 1000 ft
Distance to any other freshwater well or spring	>5 miles
Distance to Incorporated municipal boundaries or a defined municipal freshwater well field	1 to 5 Miles
Distance to a wetland	>5 Miles
Distance to a subsurface mine	> 5 Miles
Distance to an (non-karst) unstable area	> 5 Miles
Risk of the Site being in a karst geology	Low
Distance to a 100-year floodplain	> 5 Miles
Did the release impact areas not on an exploration, development, production, or storage site	No

### Receptors

Tetra Tech performed a site characterization for the release location and did not identify any watercourses, sinkholes, playas, schools, hospitals, institutions, churches, springs, wetlands, subsurface mines, or floodplains within the distances specified in 19.15.29.11 New Mexico Administrative Code (NMAC). Residences and commercial properties were identified within a half a mile radius located north-northeast and northwest of the Site. A total of 46 water wells were identified within a half a mile (800 meter) radius of the site with depth to ground water ranging from 51 foot to 75 feet below ground surface. Additionally, the Site is situated inside of a Water Rights Critical Management Temporary Area of Closure. The location of the Site sits approximately 1 to 2 miles from the incorporated municipal boundaries of the city of Hobbs, New Mexico. Based on a review of the NMOCD Mapper, the site is in an area of low karst potential, as shown in **Attachment 1**.

### Soils

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), the Site is mapped as having Kimbrough, dry, 0 to 1 percent slopes, which is classified as a loam with a published soil profile of loam from the surface to 10 inches below ground surface (bgs) and cemented material from 10 inches to 80 inches bgs. The USDA NCRS Soil Map and soil profile are provided in **Attachment 1**.

### Depth to Groundwater

According to the New Mexico Office of State Engineer's (NMOSE) Reporting System as well as New Mexico Water Rights Reporting System (NMWRRS), there are a total of 46 water wells within half a mile radius of the Site. Groundwater within the area has been estimated to range between 51 to 75 feet below ground surface. A domestic water well (L-08279) was identified approximately 0.15 miles to the north of the Site with a water level of 58 feet, however this well was last measured in 1980. Another private domestic water well (L-13653-POD1) was also

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identified 0.18 miles to the northeast of the Site with a depth to water at 75 feet, with last measurement data dating back to 2015. The site characterization data is included in **Attachment 1**.

## REGULATORY FRAMEWORK

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

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site for groundwater not sufficiently proven as greater than 51 feet bgs are as follows:

### Reclamation Requirements

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

## INITIAL RESPONSE ACTIVITIES

According to ETC, the release occurred when a crude oil trucking driver left a valve open on an injection header, causing a release of approximately 48 bbls into an estimated 8,502 square foot area on a caliche pad, as shown in **Figure 3**. According to Site records, initial response actions were taken by ETC at the release site on November 6th, 2024. Energy Transfer responded to the site by stopping the release via shutting of the valve to the injection header, mobilizing vacuum trucks to remove all freestanding fluids, and initiating the containment/excavation of impacted soils which included an initial 6-inch scrape of the release footprint.

## REMEDIATION AND CONFIRMATION SAMPLING

Shortly after the release, ETC mobilized a third-party contractor (Standard Safety), to begin the initial excavation activities which commenced on November 13, 2024, and concluded on December 16th, 2024. Standard Safety utilized heavy equipment and hand tools to excavate the impacted soil from the release area to a depth ranging from 1 foot below ground surface (ft bgs). To avoid potential contact by heavy equipment with pressurized lines within the remediation area, heavy equipment was maintained at a distance of at least 2 feet from all pressurized lines where hydro-excavation and hand-digging were employed. Standard Safety excavated an estimated 315 cubic yards of contaminated soil from an approximately 8,502-square-foot area and transported the soil to Lea Land Landfill for offsite disposal. Photographs of the final excavation are provided in **Attachment 2**.

## Confirmation Sampling Notification

ETC (via its subsidiary company, Centurion Pipeline L.P.) notified the NMOCD of all anticipated confirmation sampling events through the submission of C-141N Sampling Notification submission in the NMOCD Permitting portal. Energy Transfer provided subsequent C-141N Sampling Notification submissions through the NMOCD Permitting portal up to and including final confirmation sampling at the Site performed on November 25<sup>th</sup>, 2024, and finally on December 20<sup>th</sup>, 2024. Sampling notification was conducted in accordance with 19.15.29.12(D)(1)(a)

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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 NAPP2431239753.

## Confirmation Sampling

On November 25<sup>th</sup>, 2025, once an additional 6-inch excavation had been completed, Tetra Tech collected 57 confirmation samples including 42 five-point composite floor samples and 15 five-point composite side wall samples from the excavated areas. Samples were submitted to Cardinal Laboratory in Hobbs, New Mexico to analyze BTEX by Method 8021B, TPH by Method 8015M, and chloride by Method SM4500 CL-B. All soil samples collected during the November 25<sup>th</sup>, 2024, sampling event were collected in via laboratory approved glass containers and placed immediately on ice for hand delivery.

Initial base confirmation samples collected from locations CS-1 to CS-34, CS-36, CS-38, CS-40, CS-42, SW-1 to SW-5, SW-14, SW-16, and SW-18 reported TPH concentrations greater than the Reclamation Requirement, and these locations were over-excavated laterally and/or vertically and resampled subsequent to the receipt of initial sample results. The samples collected from these over-excavated areas were submitted to Cardinal Laboratory.

Tetra Tech would return to site for a final re-sampling event on December 20, 2024, after Standard Safety had completed re-excavating the site. The remediation excavation concluded as a 1-foot to 1.5-foot-deep excavation with an approximately 6,870 square-foot base and 1,632 square feet of sidewall for a total area of 8,000 square feet and a sampling density of approximately one confirmation sample per 125 square feet.

Samples were submitted to Cardinal Laboratory in Hobbs, New Mexico to analyze BTEX by Method 8021B, TPH by Method 8015M, and chloride by Method SM4500 CL-B. Laboratory analytical results for final confirmation samples reported concentrations of BTEX, TPH, and chloride as less than respective Reclamation Requirements demonstrating clean margins. Confirmation sample laboratory analytical results screened against Reclamation Requirements are summarized in **Table 1**, and laboratory analytical data packages, including chain of custody documentation remediation confirmation sampling, are included in **Attachment 4**. Confirmation sampling locations and excavation extents are shown in **Figure 4**.

## Excavation Backfill

Between December 28<sup>th</sup>, 2024, and January 7<sup>th</sup>, 2025, subsequent to the receipt of confirmation sample results, Standard completed backfilling of the excavated areas with approximately 150.61 tons of clean caliche sourced from a nearby caliche pit. Photographic Documentation showing final grading after backfilling is provided in **Attachment 2**. Approximately 150.61 tons of impacted material was loaded and transported via WHP belly dump trucks to Lea Land Landfill. Manifest documentation is provided in **Attachment 3**.

## Reclamation and Revegetation

No impacted surface areas were present off the developed pad, therefore reclamation and revegetation were not conducted as part of this remediation. Reclamation and revegetation will be conducted in accordance with NMOCD and New Mexico State Land Office (NMSLO) requirements at the end of the life of the well pad, subsequent to well plugging and abandonment.

## CONCLUSION

Based on the confirmation sampling results, the impacted soil within the release footprint with concentrations greater than Reclamation Requirements has been removed and properly disposed of offsite, the excavated area has been backfilled with clean material, and the pad has been restored; therefore, Site remediation is complete. Reclamation



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and revegetation will be conducted at the end-of-life of the Hobbs Sweet Crude Trucking Station. If you have any questions concerning the remediation activities for the Site, please call me at (432) 222-6457.

Sincerely,



Tyler Riggle  
Project Manager/Geologist  
Tetra Tech, Inc.



Jake Wimberley  
Program Manager  
Tetra Tech, Inc.

cc: Boyd Fortin, Energy Transfer Company  
Ryan Reich, Energy Transfer Company  
New Mexico State Land Office

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## LIST OF ATTACHMENTS

### Figures

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment Map
- Figure 4 – Excavation Extents and Confirmation Sample Locations Map

### Tables

- Table 1 – Summary of Analytical Results – Assessment & Confirmation Sampling

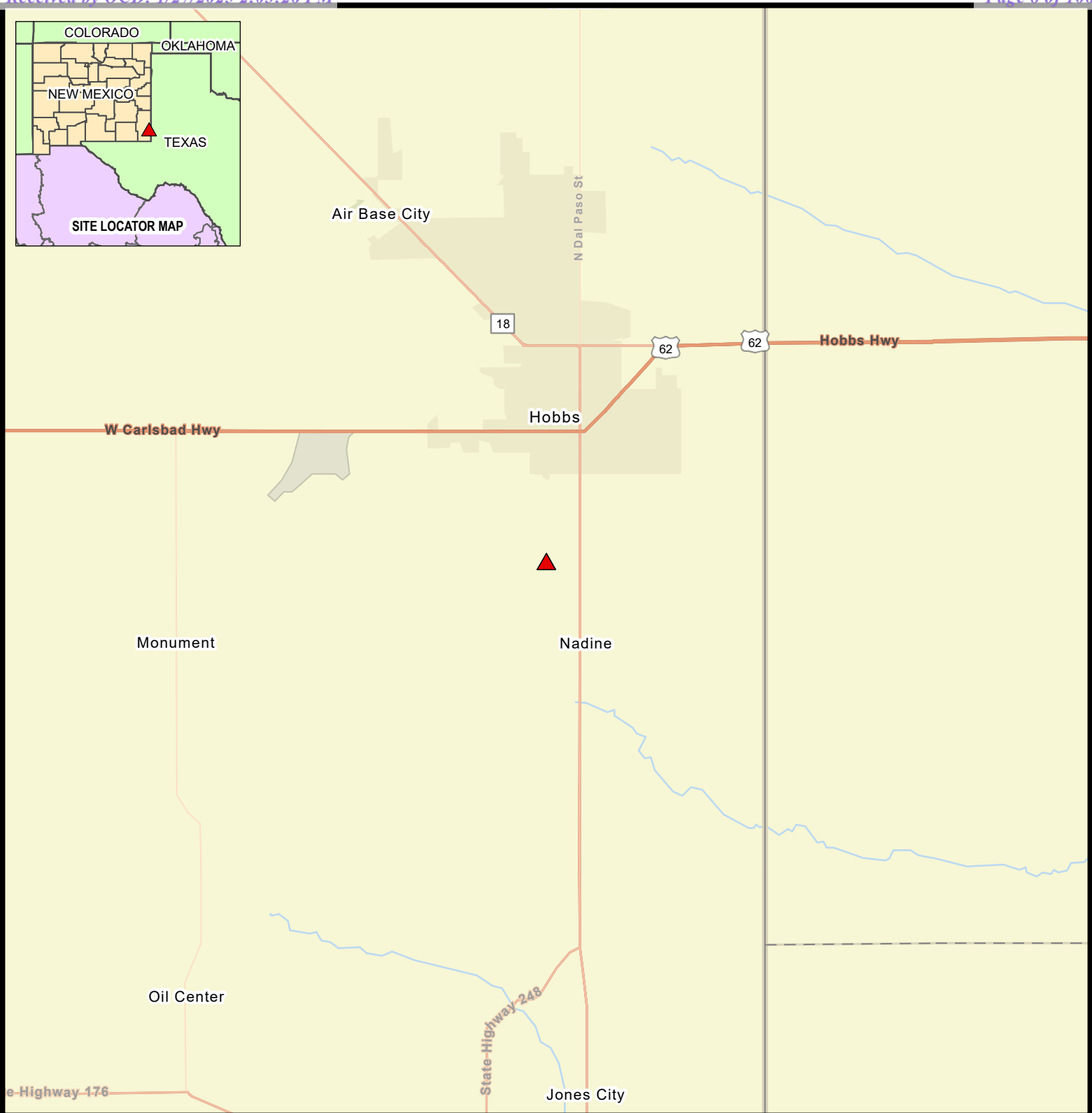
### Attachments

- Attachment 1 – Site Characterization Data
- Attachment 2 – Photographic Documentation
- Attachment 3 – Manifest Documentation
- Attachment 4 – Laboratory Analytical Data

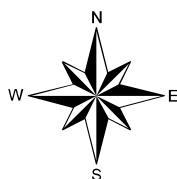
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## FIGURES



▲ SITE LOCATION



0 10,000 20,000  
Approximate Scale in Feet



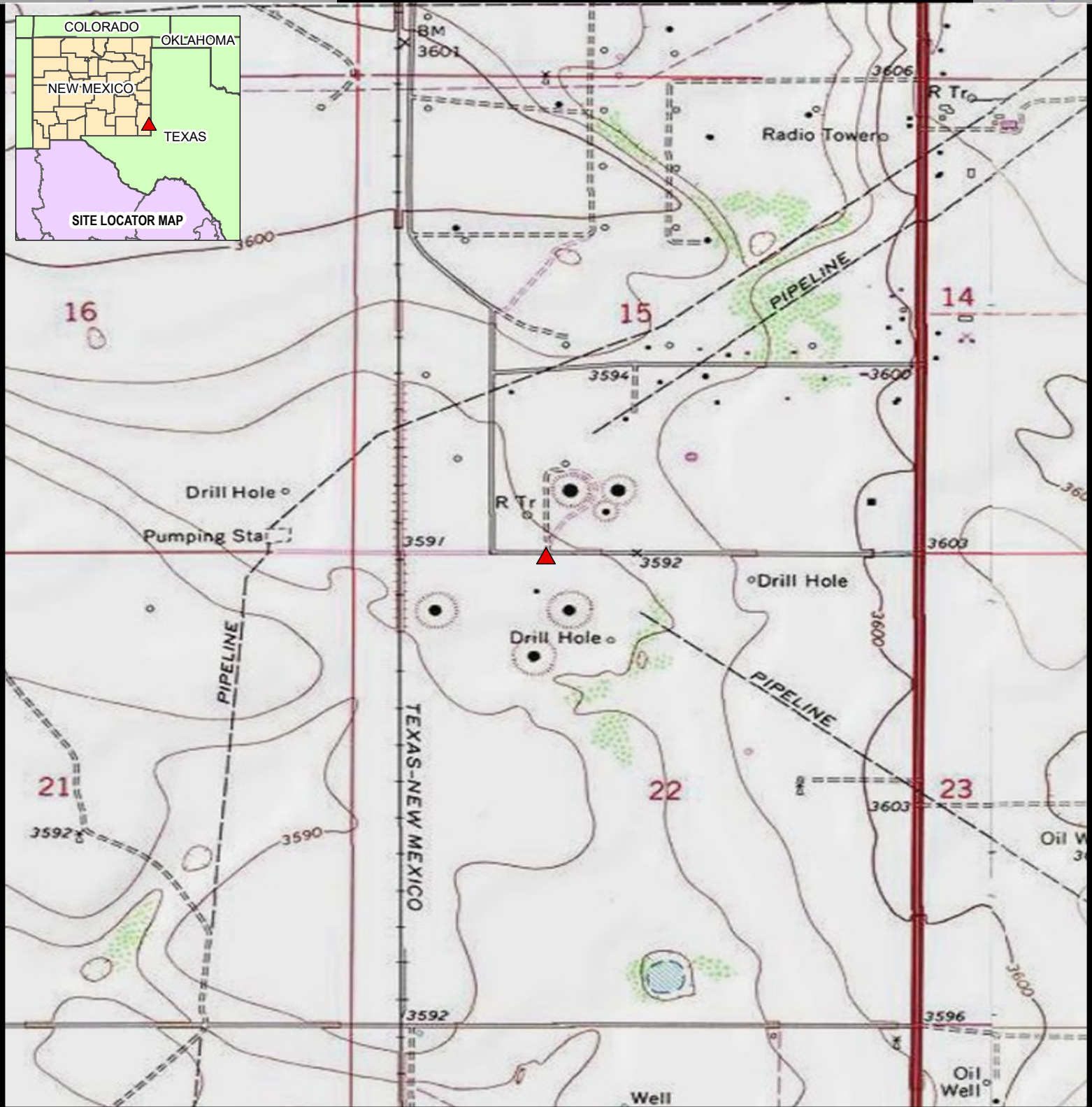
FIGURE 1  
SITE LOCATION MAP  
HOBBS STATION  
LEA COUNTY, NEW MEXICO  
32.652819°, -103.139068°

Project: 212C-MD-03698

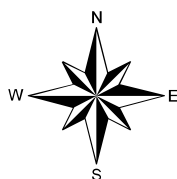
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▲ SITE LOCATION



0 1,000 2,000  
Approximate Scale in Feet



FIGURE 2  
TOPOGRAPHIC MAP  
HOBBS STATION  
LEA COUNTY, NEW MEXICO  
32.652819°, -103.139068°

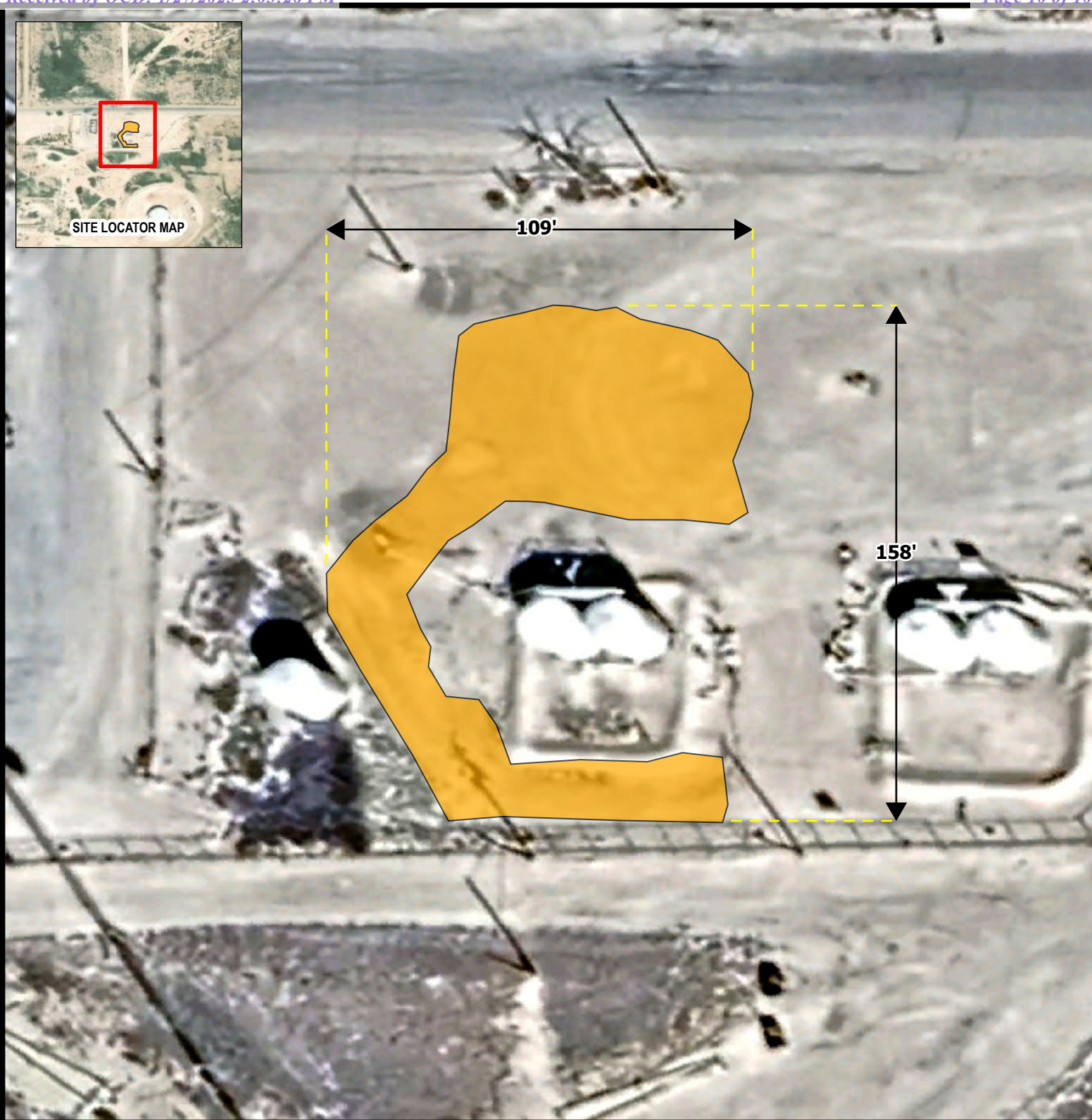
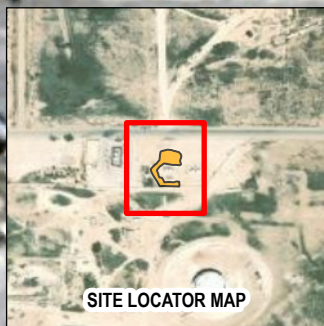
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Date: 1/15/2025

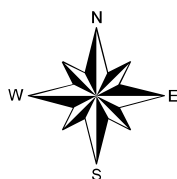
Name: Figure 2 - Hobbs Station







 SPILL EXTENT



0 20 40  
Approximate Scale in Feet



FIGURE 3  
SITE ASSESSMENT MAP  
HOBBS STATION  
LEA COUNTY, NEW MEXICO  
32.652819°, -103.139068°

Project: 212C-MD-03698

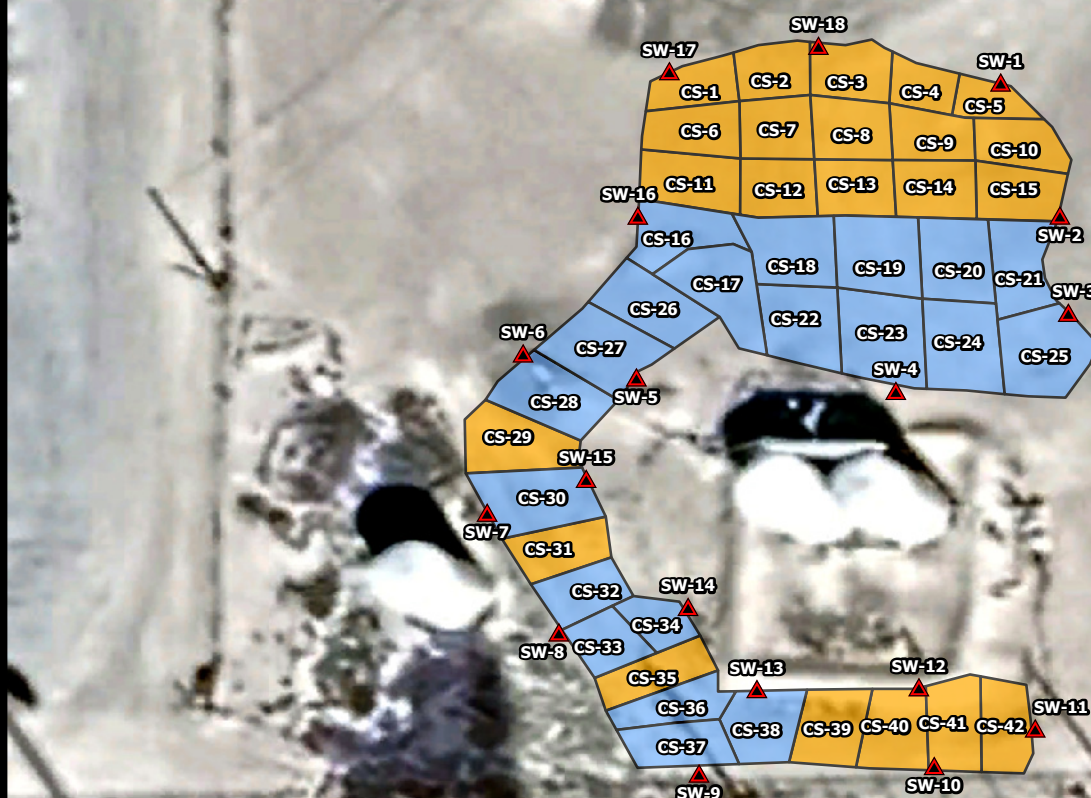
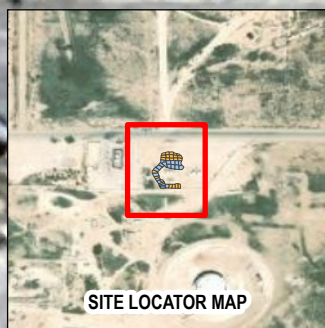
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Name: Figure 3 - Hobbs Station



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- CS CONFIRMATION SAMPLE LOCATION  
 ▲ SIDEWALL SAMPLE LOCATION  
 6"-DEPTH EXCAVATION  
 1'-DEPTH EXCAVATION

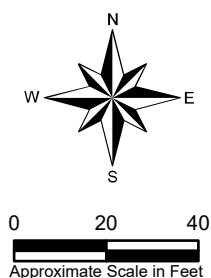


FIGURE 4  
EXCAVATION DEPTH AND AREA MAP  
HOBBS STATION  
LEA COUNTY, NEW MEXICO  
32.652819°, -103.139068°

Project: 212C-MD-03698

Date: 1/15/2025

Name: Figure 4 - Hobbs Station



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## TABLES

**Table 1**  
**First Release Confirmation Assessment Analytical Results**  
**Energy Transfer Company**  
**Hobbs Station**  
**Lea County, New Mexico**

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total TPH						
RRALs (mg/kg)					100				10				50	600
CS-1	11/25/2024	0.5	X		59.2	3310	342	3711.2	<0.050	0.3	0.222	1.28	1.8	80
CS-1B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-2	11/25/2024	0.5	X		469	5300	497	6266	0.103	2.73	1.96	11.2	16	48
CS-2B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-3	11/25/2024	0.5	X		<10.0	173	13.2	186.2	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-3B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-4	11/25/2024	0.5	X		<10.0	120	11.3	131.3	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-4B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-5	11/25/2024	0.5	X		<10.0	174	22.4	196.4	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-5B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-6	11/25/2024	0.5	X		<10.0	109	17.9	126.9	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-6B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-7	11/25/2024	0.5	X		<10.0	61.9	<10.0	61.9	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-8	11/25/2024	0.5	X		<10.0	117	12.7	129.7	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-8B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	11/25/2024	0.5	X		<10.0	42.2	<10.0	42.2	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-10	11/25/2024	0.5	X		<10.0	163	18.6	181.6	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-10B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-11	11/25/2024	0.5	X		<10.0	59.4	<10.0	59.4	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-12	11/25/2024	0.5	X		<10.0	102	12	114	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-12B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-13	11/25/2024	0.5	X		107	3200	490	3797	<0.050	0.25	0.338	2.3	2.88	128
CS-13B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-14	11/25/2024	0.5	X		222	3740	698	4660	<0.050	0.119	0.299	3.87	4.29	80
CS-14B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	11/25/2024	0.5	X		<10.0	57.9	32.3	90.2	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-16	11/25/2024	0.5	X		16.8	1380	291	1687.8	<0.050	<0.050	0.053	0.449	0.503	48
CS-16B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-17	11/25/2024	0.5	X		<10.0	77.8	28.5	106.3	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-17B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-18	11/25/2024	0.5	X		<10.0	339	77.7	416.7	<0.050	<0.050	0.052	0.441	0.493	48
CS-18B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-19	11/25/2024	0.5	X		<10.0	2270	586	2856	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-19B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-20	11/25/2024	0.5	X		11.2	2240	907	3158.2	<0.050	<0.050	0.375	1.96	2.33	112
CS-20B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-21	11/25/2024	0.5	X		66.8	8990	2270	11326.8	<0.050	<0.050	0.385	2.02	2.41	144
CS-21B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-22	11/25/2024	0.5	X		<10.0	18.1	22.9	41	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-23	11/25/2024	0.5	X		<10.0	223	155	378	<0.050	<0.050	0.325	1.78	2.11	128
CS-23B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-24	11/25/2024	0.5	X		<10.0	416	119	535	<0.050	<0.050	<0.050	<0.150	<0.300	64
CS-24B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-25	11/25/2024	0.5	X		<10.0	66.1	20.7	86.8	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-26	11/25/2024	0.5	X		10.9	1100	399	1509.9	<0.050	<0.050	0.197	1.21	1.41	48
CS-26B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-27	11/25/2024	0.5	X		111	2150	294	2555	<0.050	0.247	0.724	6.38	7.35	80

**Table 1**  
**First Release Confirmation Assessment Analytical Results**  
**Energy Transfer Company**  
**Hobbs Station**  
**Lea County, New Mexico**

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			In-Situ	Removed	GRO	DRO	MRO	Total TPH							
RRALs (mg/kg)					100				10					50	600
CS-27B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-28	11/25/2024	0.5	X		340	4440	473	5253	<0.050	0.695	2.98	22.9	26.6	16	
CS-28B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-29	11/25/2024	0.5	X		<10.0	285	61.7	346.7	<0.050	<0.050	0.084	1.62	1.7	32	
CS-29B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-30	11/25/2024	0.5	X		34	1140	692	1866	<0.050	<0.050	1.47	6.74	8.18	32	
CS-30B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-31	11/25/2024	0.5	X		<10.0	38.1	<10.0	38.1	<0.050	<0.050	0.296	1.86	2.15	32	
CS-32	11/25/2024	0.5	X		84.1	1360	128	1572.1	<0.050	0.404	0.965	6.43	7.79	16	
CS-32B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-33	11/25/2024	0.5	X		81	988	396	1465	<0.050	<0.050	4.74	23.1	27.8	16	
CS-33B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-34	11/25/2024	0.5	X		20.8	86.2	39.1	146.1	<0.050	<0.050	1.56	8.86	10.4	32	
CS-34B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-35	11/25/2024	0.5	X		<10.0	33.7	<10.0	33.7	<0.050	<0.050	0.296	1.87	2.17	32	
CS-36	11/25/2024	0.5	X		29.2	459	83.1	571.3	<0.050	<0.050	2.53	12.2	14.7	32	
CS-36B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-37	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	0.078	0.581	0.659	<16.0	
CS-38	11/25/2024	0.5	X		119	490	300	909	<0.050	<0.050	7.96	23.8	31.8	<16.0	
CS-38B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-39	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	0.243	1.53	1.78	<16.0	
CS-40	11/25/2024	0.5	X		13.3	141	55.6	209.9	<0.050	<0.050	0.664	3.61	4.27	16	
CS-40B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-41	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	0.361	2.23	2.59	<16.0	
CS-42	11/25/2024	0.5	X		26.3	247	172	445.3	<0.050	<0.050	1.03	5.92	6.95	48	
CS-42B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-1	11/25/2024	0.5	X		<10.0	354	35.3	389.3	<0.050	<0.050	<0.050	<0.150	<0.300	80	
SW-1B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
SW-2	11/25/2024	0.5	X		<10.0	3170	647	3817	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-2B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
SW-3	11/25/2024	0.5	X		<10.0	146	51.4	197.4	<0.050	<0.050	<0.050	<0.150	<0.300	368	
SW-3B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
SW-4	11/25/2024	0.5	X		<10.0	161	24	185	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-4B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-5	11/25/2024	0.5	X		<10.0	612	364	976	<0.050	<0.050	<0.050	<0.150	<0.300	128	
SW-5B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
SW-6	11/25/2024	0.5	X		<10.0	44.1	<10.0	44.1	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-7	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-8	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16	
SW-9	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32	
SW-10	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48	
SW-11	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
SW-12	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16	
SW-13	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-14	11/25/2024	0.5	X		<10.0	489	78.5	567.5	<0.050	<0.050	<0.050	<0.150	<0.300	64	
SW-14B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
SW-15	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16	



**Table 1**  
**First Release Confirmation Assessment Analytical Results**  
**Energy Transfer Company**  
**Hobbs Station**  
**Lea County, New Mexico**

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total TPH						
RRALs (mg/kg)							100	10					50	600
SW-16	11/25/2024	0.5	X		<10.0	1110	166	1276	<0.050	<0.050	<0.050	<0.150	<0.300	32
SW-16B	12/20/2024	1	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-17	11/25/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-18	11/25/2024	0.5	X		<10.0	1740	806	2546	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-18B	12/20/2024	0.5	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0

**NOTES**

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Division) *Guidelines for Remediation of Leaks, Spills, and Releases*.

All screening values and results are presented in milligrams per kilogram (mg/kg)

**Bolded cells represent a detected concentration above the respective screening value.**

< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

Bolded cells represent a detected concentration above the respective screening value.

Exceedance

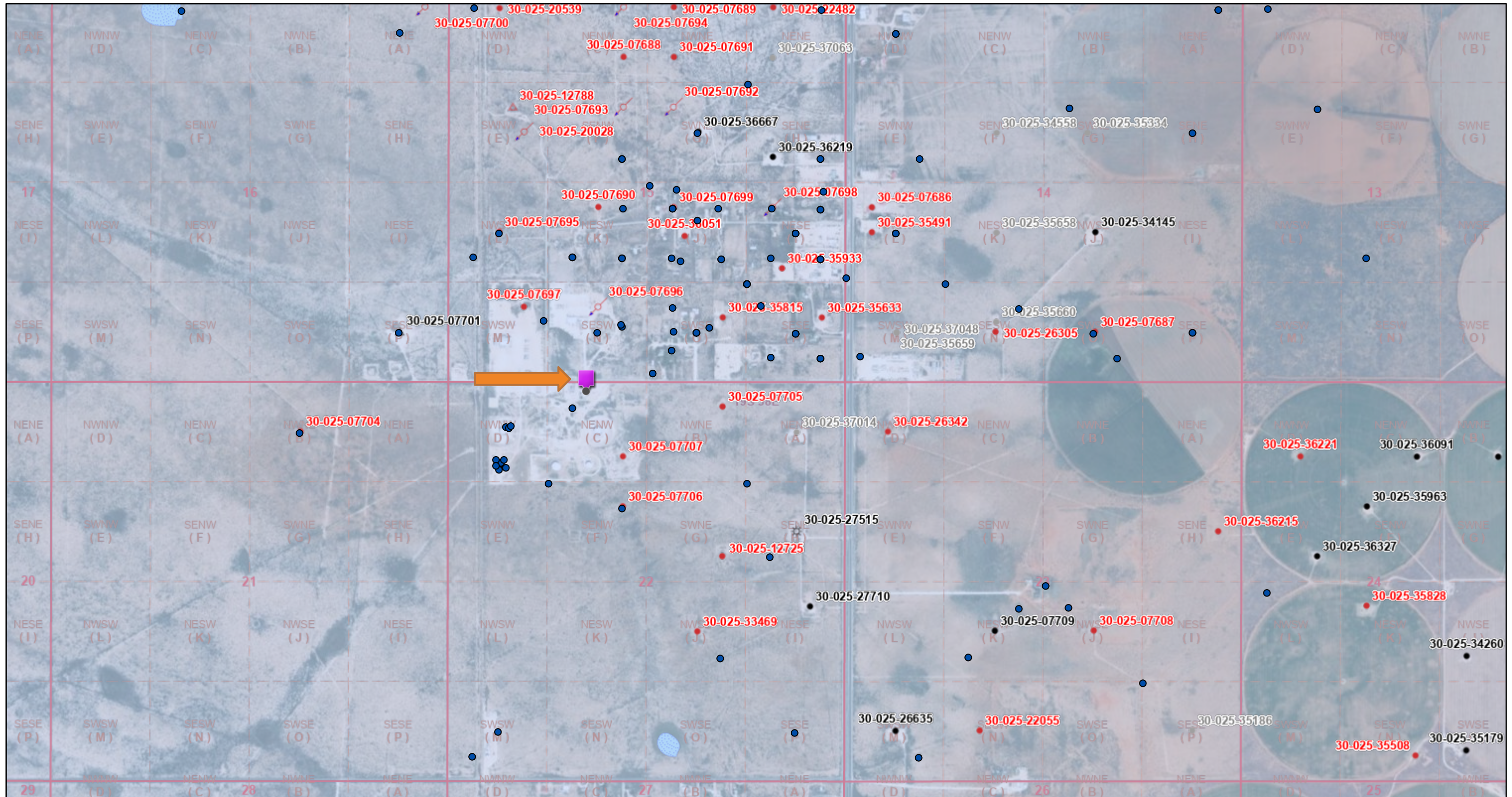
Remediation Report and Closure Request  
Hobbs Sweet Crude Trucking Station Release  
Incident ID# nAPP2431239753

Energy Transfer Company  
January 27th, 2025

## **ATTACHMENT 1 – SITE CHARACTERIZATION DATA**



# Hobbs Sweet Crude Station Release OCD Well Location Map



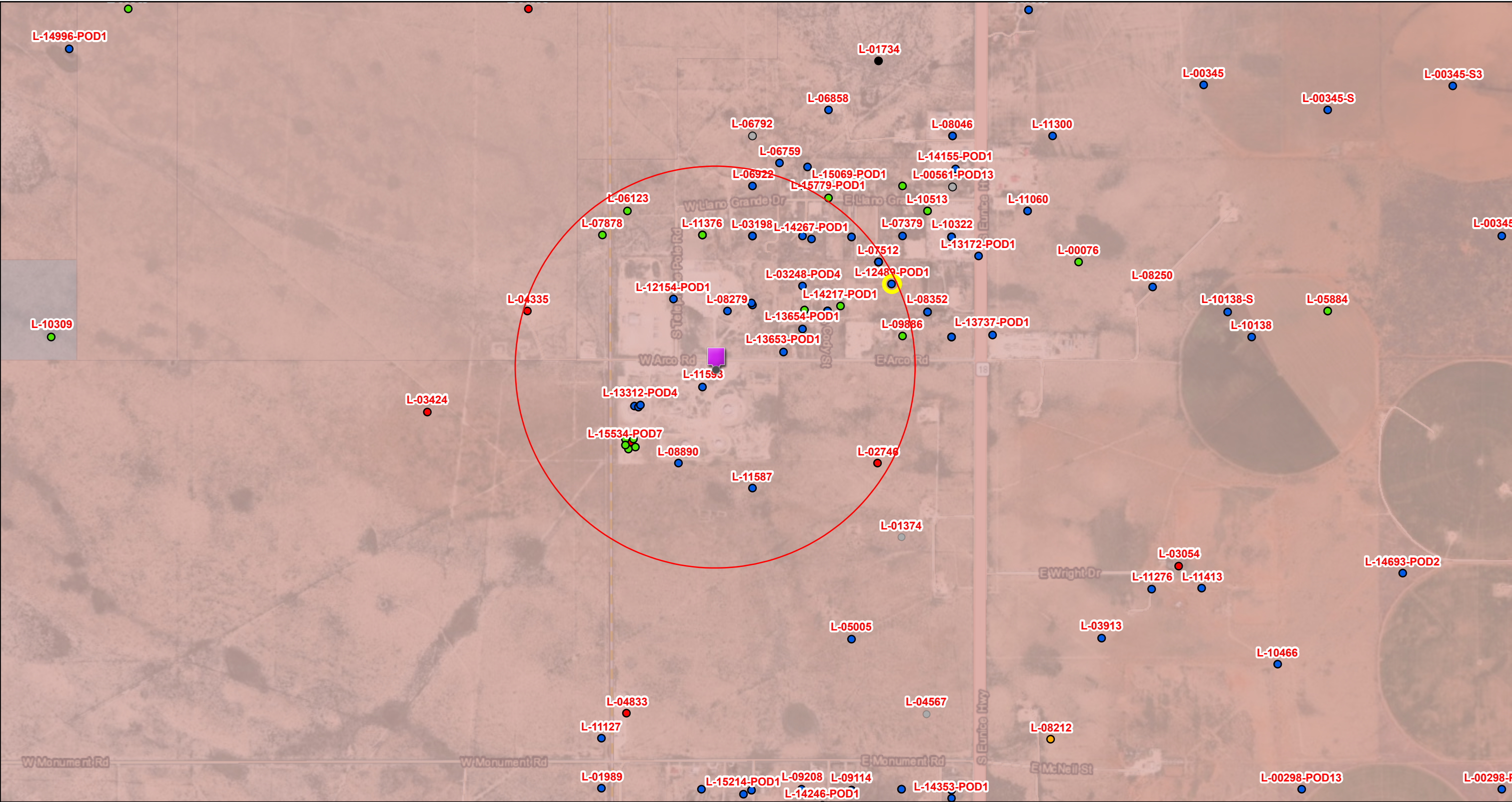
1:18,056

- 


BLM, OCD, New Mexico Tech, OCD, Esri, HERE,  
Garmin, iPC, Maxar, NM OSE, BLM



# Hobbs Sweet Crude Station OSE POD Location Map



1/8/2025, 12:14:30 PM



Override 1

GIS WATERS PODs

- Active
- Pending

- Inactive
- Capped
- Plugged

- OSE District Boundary
- Water Right Regulations
- Critical Management Area - Guidelines
- Closure Area

- Artesian Planning Area
- New Mexico State Trust Lands
- Subsurface Estate
- Both Estates

1:18,056

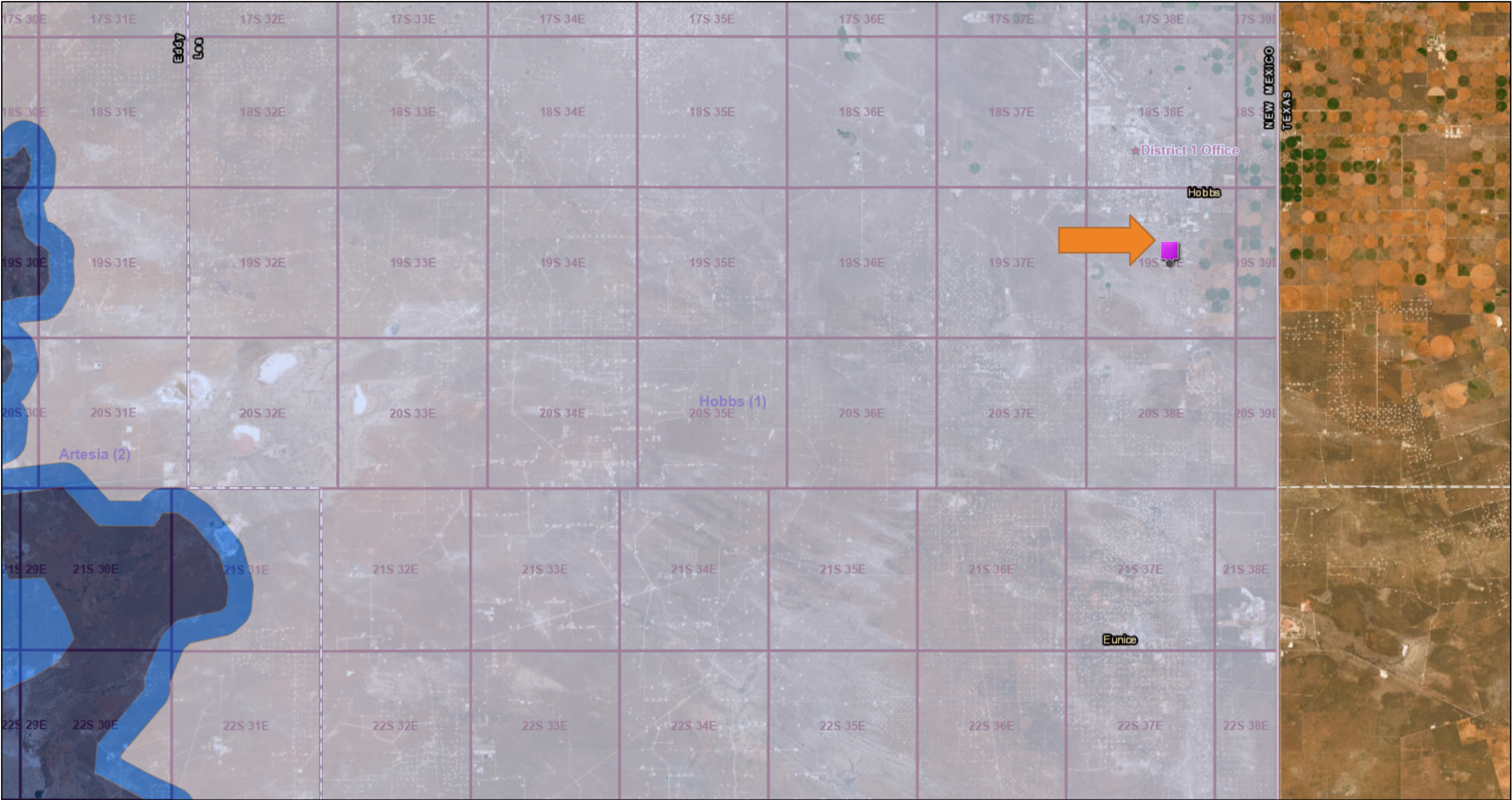
0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



# Hobbs Sweet Crude Station Release Karst Potential Map



1/8/2025, 12:06:55 PM

1:288,895

Override 1

Karst Occurrence Potential

High

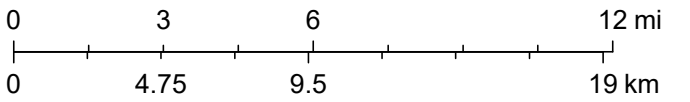
Medium

Low

OCD Districts

OCD District Offices

PLSS Townships



BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Earthstar Geographics, OCD, BLM



# National Flood Hazard Layer FIRMette



103°8'39"W 32°39'25"N



## Legend

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

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



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

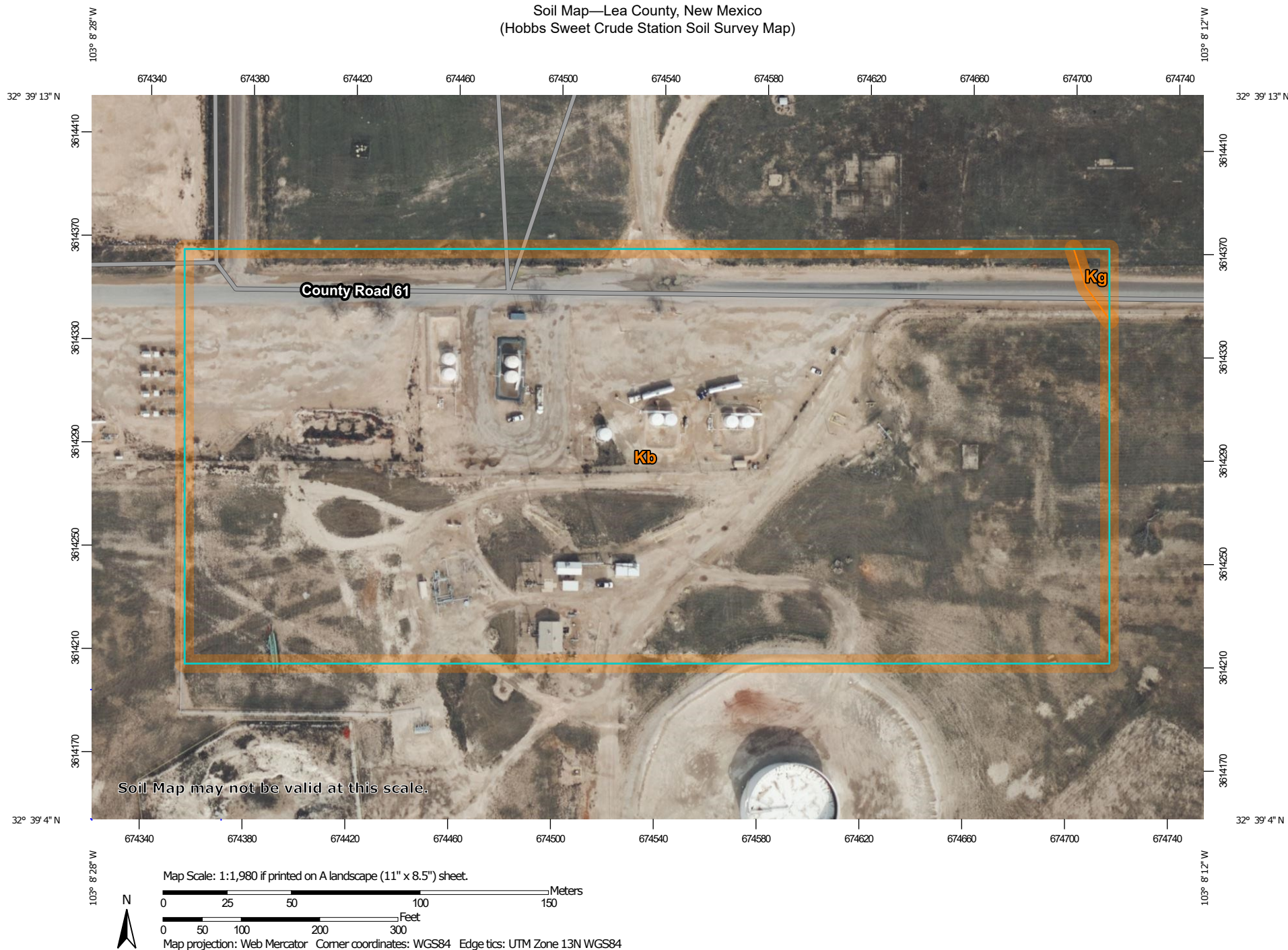
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/8/2025 at 4:06 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.



Soil Map—Lea County, New Mexico  
(Hobbs Sweet Crude Station Soil Survey Map)



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

1/8/2025  
Page 1 of 3

Soil Map—Lea County, New Mexico  
(Hobbs Sweet Crude Station Soil Survey Map)

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 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: Jan 18, 2020—Feb 17, 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.

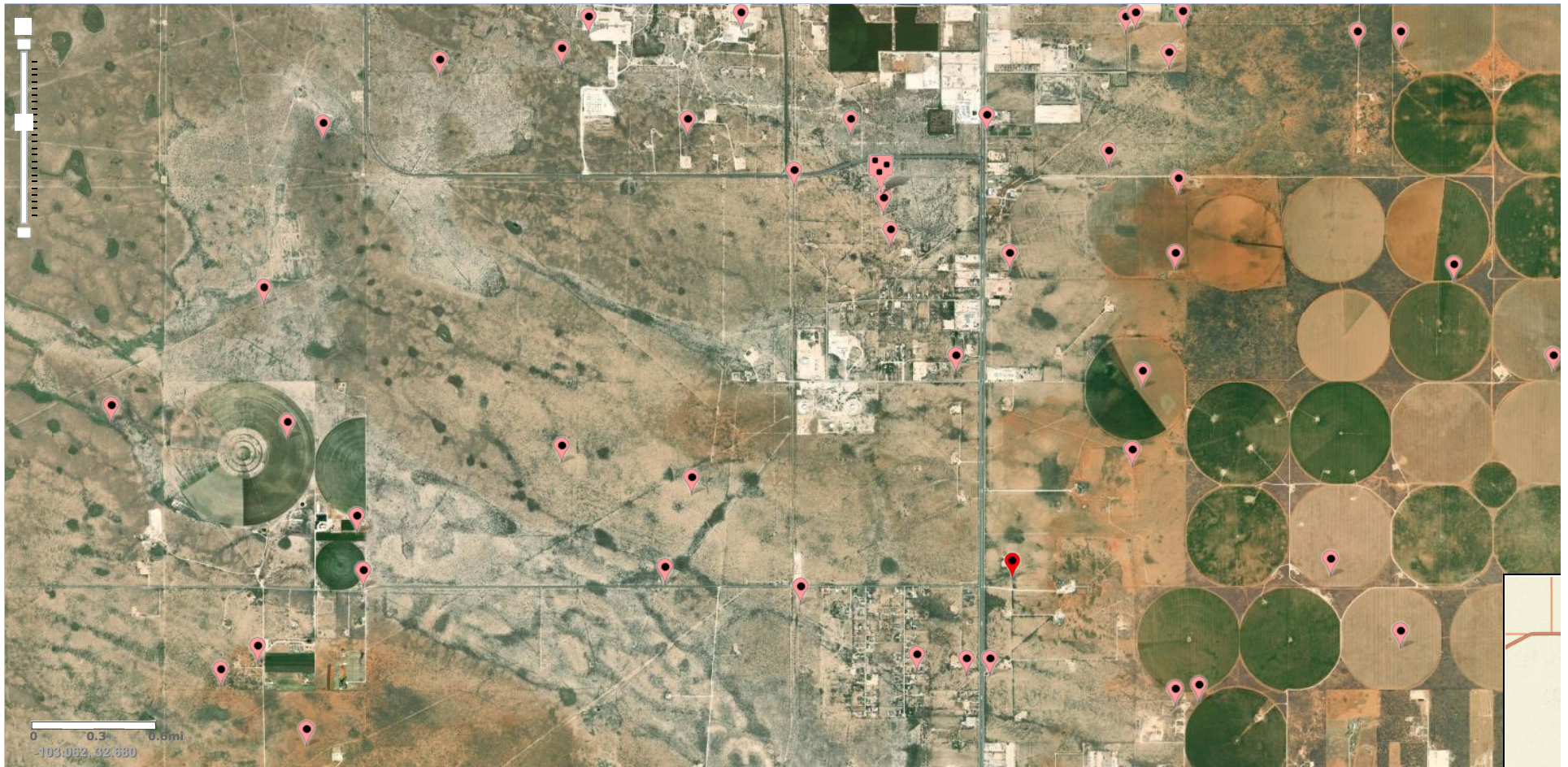


Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Kb	Kimbrough loam, 0 to 1 percent slopes	14.3	99.6%
Kg	Kimbrough gravelly loam, 0 to 3 percent slopes	0.1	0.4%
Totals for Area of Interest		14.3	100.0%



National Water Information System: Mapper



Site Information



# 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)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">L 11593</a>		L	LE	NW	NE	NW	22	19S	38E	674486.0	3614245.0 *		91	125		
<a href="#">L 08279</a>		L	LE		SE	SW	15	19S	38E	674581.0	3614549.0 *		233	130	58	72
<a href="#">L 13653 POD1</a>		L	LE	SW	SW	SE	15	19S	38E	674807.4	3614391.0		275	140	75	65
<a href="#">L 13242 POD1</a>		L	LE	NE	SE	SW	15	19S	38E	674679.1	3614576.7		292	63	54	9
<a href="#">L 13242 POD2</a>		L	LE	SE	NE	SW	15	19S	38E	674676.4	3614582.8		296	64	54	10
<a href="#">L 12154 POD1</a>		L	LE	NE	SW	SW	15	19S	38E	674360.8	3614592.6		328	160		
<a href="#">L 13312 POD4</a>		L	LE	NE	NW	NW	22	19S	38E	674235.3	3614168.4		340	63	44	19
<a href="#">L 13312 POD2</a>		L	LE	NE	NW	NW	22	19S	38E	674227.7	3614159.0		351	60	45	15
<a href="#">L 13312 POD3</a>		L	LE	NE	NW	NW	22	19S	38E	674227.7	3614159.0		351	60	53	7
<a href="#">L 13312 POD1</a>		L	LE	NE	NW	NW	22	19S	38E	674214.6	3614161.8		362	60	45	15
<a href="#">L 13654 POD1</a>		L	LE	SW	SW	SE	15	19S	38E	674884.0	3614484.8		380	144	78	66
<a href="#">L 08890</a>		L	LE			NW	22	19S	38E	674392.0	3613938.0 *		408	130	130	0
<a href="#">L 15534 POD2</a>		L	LE	SE	NW	NW	22	19S	38E	674199.9	3614016.5		455			
<a href="#">L 15534 POD1</a>		L	LE	SE	NW	NW	22	19S	38E	674200.0	3614015.2		456			
<a href="#">L 03248 POD4</a>		L	LE	NW	SW	SE	15	19S	38E	674882.0	3614655.0 *		478	135	60	75
<a href="#">L 11587</a>		L	LE	NE	SE	NW	22	19S	38E	674692.0	3613842.0 *		499	136		
<a href="#">L 03248 POD2</a>	R	L	LE		SW	SE	15	19S	38E	674983.0	3614556.0 *		501		42	
<a href="#">L 03248 POD5</a>		L	LE		SW	SE	15	19S	38E	674983.0	3614556.0 *		501	133	75	58
<a href="#">L 03248 S</a>	R	L	LE		SW	SE	15	19S	38E	674983.0	3614556.0 *		501	135	42	93
<a href="#">L 08280</a>		L	LE		SW	SE	15	19S	38E	674983.0	3614556.0 *		501	130	58	72
<a href="#">L 08280</a>	R	L	LE		SW	SE	15	19S	38E	674983.0	3614556.0 *		501	130	58	72
<a href="#">L 08363</a>		L	LE		SW	SE	15	19S	38E	674983.0	3614556.0 *		501	130	58	72
<a href="#">L 11015</a>		L	LE		SW	SE	15	19S	38E	674983.0	3614556.0 *		501	120	45	75
<a href="#">L 05725</a>		L	LE	SW	NE	SW	15	19S	38E	674474.0	3614851.0 *		536	98	45	53
<a href="#">L 05725 POD2</a>		L	LE	SW	NE	SW	15	19S	38E	674474.0	3614851.0 *		536	120	58	62
<a href="#">L 03198</a>		L	LE	SE	NE	SW	15	19S	38E	674674.0	3614851.0 *		548	100	15	85

(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)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">L 09486</a>		L	LE	SE	NE	SW	15	19S	38E	674674.0	3614851.0 *		548	132	74	58
<a href="#">L 04489</a>		L	LE	SW	NW	SE	15	19S	38E	674876.0	3614857.0 *		634	100	41	59
<a href="#">L 14267 POD1</a>		L	LE	SW	NW	SE	15	19S	38E	674911.6	3614842.6		641	138	65	73
<a href="#">L 06922</a>		L	LE	NE	NE	SW	15	19S	38E	674674.0	3615051.0 *		744	100	50	50
<a href="#">L 02746</a>		L	LE			NE	22	19S	38E	675197.0	3613951.0 *		751	110	60	50
<a href="#">L 09018</a>		L	LE	SE	NW	SE	15	19S	38E	675076.0	3614857.0 *		758	100	32	68
<a href="#">L 09310</a>		L	LE	SE	NW	SE	15	19S	38E	675076.0	3614857.0 *		758	120	58	62
<a href="#">L 02667</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	106	70	36
<a href="#">L 03248 POD6</a>	R	L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	115	57	58
<a href="#">L 06101</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	100	38	62
<a href="#">L 06101 POD2</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	100	38	62
<a href="#">L 07381</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	100	50	50
<a href="#">L 07512</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	100	32	68
<a href="#">L 09720</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	100	65	35
<a href="#">L 09821</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	100	51	49
<a href="#">L 09896</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	100	38	62
<a href="#">L 10046</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	120	70	50
<a href="#">L 10503</a>		L	LE			SE	15	19S	38E	675184.0	3614757.0 *		778	100	70	30
<a href="#">L 12489 POD1</a>		L	LE	NW	SE	SE	15	19S	38E	675240.4	3614669.7		782	160	100	60
<a href="#">L 04335</a>		L	LE		SE	SE	16	19S	38E	673776.0	3614535.0 *		795	110	35	75

Average Depth to Water: 55 feet

Minimum Depth: 15 feet

Maximum Depth: 130 feet

Record Count: 46

Basin/County Search:

County: LE

UTM Filters (in meters):



Easting: 674541.249

Northing: 3614318.455

Radius: 800

\* UTM location was derived from PLSS - see Help

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

Remediation Report and Closure Request  
Hobbs Sweet Crude Trucking Station Release  
Incident ID# nAPP2431239753

Energy Transfer Company  
January 27th, 2025

## **ATTACHMENT 2 – PHOTOGRAPHIC DOCUMENTATION**



ETC-Hobbs Station Crude Oil Release  
GPS: 32.652743, -103.138968  
Lea County, New Mexico



**PHOTO 1:** Viewpoint of the initial release area, facing south.



**PHOTO 2:** Viewpoint of the initial release area, facing west.



ETC-Hobbs Station Crude Oil Release  
GPS: 32.652743, -103.138968  
Lea County, New Mexico



**PHOTO 3:** Viewpoint of the initial release area, facing southeast.



**PHOTO 4:** Viewpoint of the initial release area, facing east.



ETC-Hobbs Station Crude Oil Release  
GPS: 32.652743, -103.138968  
Lea County, New Mexico



PHOTO 5: Viewpoint of the excavated area, facing northeast.



PHOTO 6: Viewpoint of the excavated area, facing north.



ETC-Hobbs Station Crude Oil Release  
GPS: 32.652743, -103.138968  
Lea County, New Mexico



**PHOTO 7:** Viewpoint of the excavated area, facing west.



**PHOTO 8:** Viewpoint of the excavated area, facing north.



ETC-Hobbs Station Crude Oil Release  
GPS: 32.652743, -103.138968  
Lea County, New Mexico



**PHOTO 9:** Viewpoint of the remediated area, facing northeast.



**PHOTO 10:** Viewpoint of the remediated area, facing southeast.



ETC-Hobbs Station Crude Oil Release  
GPS: 32.652743, -103.138968  
Lea County, New Mexico



**PHOTO 11:** Viewpoint of the remediated area, facing south.



**PHOTO 12:** Viewpoint of the remediated area, facing north.

Remediation Report and Closure Request  
Hobbs Sweet Crude Trucking Station Release  
Incident ID# nAPP2431239753

Energy Transfer Company  
January 27th, 2025

## **ATTACHMENT 3 – MANIFEST DOCUMENTATION**



# LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

<b>NON-HAZARDOUS WASTE MANIFEST</b>		<b>No. 212210</b>	<b>Trailer No. STANDARD-025</b>	
<b>GENERATOR</b>	<b>Company Name:</b> Energy Transfer Partners		<b>Address:</b> POB 1467 McCamey, TX 79752	
	<b>Phone:</b> (817) 302-9812		<b>Disposal Date:</b> 01-07-2025 09:35 AM	
	<b>Name Or Description Of Waste Shipped:</b>			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	<b>Weight (lbs):</b> 32060, 38200, 38920    TC 109180			
<b>TRANSPORTER</b>	<b>Lease/Job Name:</b> THE HOBBS SWEET			
	<b>Generator's Representative:</b> Steven Calderon			
	<b>Name:</b> Standard Safety & Supply			
	<b>Emergency Contact:</b> Luis Gavaldon			
	<b>Emergency Contact Phone:</b> (432) 741 2509			
<b>DISPOSAL FACILITY</b>	<b>Transporter: Acknowledgment of Delivery of Material</b>			
	<b>Printed/Typed Name (Impreso/Mecanografico):</b> <i>Ruth Saenz</i>			
	<b>Signature (Firma):</b> X <i>[Signature]</i> <b>Date:</b> 01-07-2025 09:35 AM			
	<b>Lea Land, LLC</b>	<b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM</b>		<b>(575) 887-4048</b>
	<b>Permit No:</b> NM-1-0035-New Mexico	<b>Comments:</b>		
<b>Disposal Facility's Certification:</b> I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
<b>DISPOSAL FACILITY</b>	<b>Authorized Signature:</b> <i>[Signature]</i>		<b>Unit No:</b> IIB	<b>Date:</b> 01-07-2025
			<b>Time:</b> 09:35 AM	

LEA LAND, LLC  
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257



# LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

<b>NON-HAZARDOUS WASTE MANIFEST</b>		<b>No. 212216</b>	<b>Trailer No. STANDARD-016</b>	
<b>GENERATOR</b>	<b>Company Name:</b> Energy Transfer Partners  <b>Phone:</b> (817) 302-9812		<b>Address:</b> POB 1467 McCamey, TX 79752	
	<b>Disposal Date:</b> 01-07-2025 09:49 AM			
	<b>Name Or Description Of Waste Shipped:</b> <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	<b>Weight (lbs):</b> 32820, 32980, 33140,    T@ 98940			
	<b>Lease/Job Name:</b> THE HOBBS SWEET			
<b>Generator's Representative:</b> Steven Calderon				
<b>TRANSPORTER</b>	<b>Name:</b> Standard Safety & Supply <b>Emergency Contact:</b> Luis Gavaldon <b>Emergency Contact Phone:</b> (432) 741 2509			
	<b>Transporter: Acknowledgment of Delivery of Material</b>  <b>Printed/Typed Name (Impreso/Mecanografico):</b> Edgar Aguiler 9			
	<b>Signature (Firma):</b> X <b>Date:</b> 01-07-2025 09:49 AM			
	<b>Lea Land, LLC</b> Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM    (575) 887-4048			
<b>DISPOSAL FACILITY</b>	<b>Permit No:</b> NM-1-0035-New Mexico		<b>Comments:</b>	
	<b>Disposal Facility's Certification:</b> I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.			
	<b>Authorized Signature:</b> 		<b>Unit No:</b> IIB	<b>Date</b> 01-07-2025
			<b>Time</b> 09:49 AM	

LEA LAND, LLC  
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257



# LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

<b>NON-HAZARDOUS WASTE MANIFEST</b>		<b>No. 212218</b>	<b>Trailer No. STANDARD-013</b>	
<b>GENERATOR</b>	<b>Company Name:</b> Energy Transfer Partners  <b>Phone:</b> (817) 302-9812		<b>Address:</b> POB 1467 McCamey, TX 79752	
	<b>Disposal Date:</b> 01-07-2025 09:55 AM			
	<b>Name Or Description Of Waste Shipped:</b> <input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	<b>Weight (lbs):</b> 29660, 31260, 32180, TC 93100			
	<b>Lease/Job Name:</b> THE HOBBS SWEET			
<b>Generator's Representative:</b> Steven Calderon				
<b>TRANSPORTER</b>	<b>Name:</b> Standard Safety & Supply <b>Emergency Contact:</b> Luis Gavaldon <b>Emergency Contact Phone:</b> (432) 741 2509			
	<b>Transporter: Acknowledgment of Delivery of Material</b> <b>Printed/Typed Name (Impreso/Mecanografico):</b> <u>Eugenio Robio</u>			
	<b>Signature (Firma):</b> X <u>[Signature]</u> <b>Date:</b> 01-07-2025 09:55 AM			
	<b>Signature (Firma):</b> X <u>[Signature]</u> <b>Date:</b> 01-07-2025 09:55 AM			
<b>DISPOSAL FACILITY</b>	<b>Lea Land, LLC</b>		<b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM</b>	
	<b>Permit No:</b> NM-1-0035-New Mexico		<b>(575) 887-4048</b>	
	<b>Comments:</b>			
	<b>Disposal Facility's Certification:</b> I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.			
<b>Authorized Signature:</b> <u>[Signature]</u>		<b>Unit No:</b> IIB	<b>Date:</b> 01-07-2025	<b>Time:</b> 09:55 AM

LEA LAND, LLC  
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257



Remediation Report and Closure Request  
Hobbs Sweet Crude Trucking Station Release  
Incident ID# nAPP2431239753

Energy Transfer Company  
January 27th, 2025

## **ATTACHMENT 4 – LABORATORY ANALYTICAL DATA**



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

---

November 15, 2024

TYLER RIGGLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: HOBBS STATION

Enclosed are the results of analyses for samples received by the laboratory on 11/14/24 11:23.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/14/2024  
 Reported: 11/15/2024  
 Project Name: HOBBS STATION  
 Project Number: 212C-MD-03698  
 Project Location: ETC - HOBBS, LEA CO NM

Sampling Date: 11/14/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 39 (10 IN.) (H246948-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.074</b>	0.050	11/15/2024	ND	2.30	115	2.00	0.129	
<b>Toluene*</b>	<b>0.604</b>	0.050	11/15/2024	ND	2.36	118	2.00	0.218	
<b>Ethylbenzene*</b>	<b>0.289</b>	0.050	11/15/2024	ND	2.28	114	2.00	0.388	
<b>Total Xylenes*</b>	<b>1.69</b>	0.150	11/15/2024	ND	7.22	120	6.00	0.281	GC-NC1
<b>Total BTX</b>	<b>2.66</b>	0.300	11/15/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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
<b>Chloride</b>	<b>80.0</b>	16.0	11/14/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>45.8</b>	10.0	11/14/2024	ND	214	107	200	2.81	
<b>DRO &gt;C10-C28*</b>	<b>358</b>	10.0	11/14/2024	ND	212	106	200	3.59	
<b>EXT DRO &gt;C28-C36</b>	<b>70.5</b>	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/14/2024  
 Reported: 11/15/2024  
 Project Name: HOBBS STATION  
 Project Number: 212C-MD-03698  
 Project Location: ETC - HOBBS, LEA CO NM

Sampling Date: 11/14/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 8 (5") (H246948-02)**

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.098</b>	0.050	11/15/2024	ND	2.30	115	2.00	0.129	
<b>Toluene*</b>	<b>1.80</b>	0.050	11/15/2024	ND	2.36	118	2.00	0.218	
<b>Ethylbenzene*</b>	<b>1.05</b>	0.050	11/15/2024	ND	2.28	114	2.00	0.388	
<b>Total Xylenes*</b>	<b>6.11</b>	0.150	11/15/2024	ND	7.22	120	6.00	0.281	GC-NC1
<b>Total BTEX</b>	<b>9.06</b>	0.300	11/15/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 156 % 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
<b>Chloride</b>	<b>160</b>	16.0	11/14/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>227</b>	50.0	11/15/2024	ND	214	107	200	2.81	
<b>DRO &gt;C10-C28*</b>	<b>911</b>	50.0	11/15/2024	ND	212	106	200	3.59	
<b>EXT DRO &gt;C28-C36</b>	<b>86.4</b>	50.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 167 % 48.2-134

Surrogate: 1-Chlorooctadecane 172 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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 West Wall St, Suite 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Page 1 of 5

Page 5 of 5

Client Name:

Energy Transfer Company

Site Manager:

Tyler Riggle

Project Name:

Hobbs Station

Contact Info:

Tyler.Riggle@tetratech.com

Project Location:

Hobbs, NM, Lea County

Project #:

212C-MD-03698

Invoice to:

Energy Transfer

Receiving Laboratory:

Eurofins Xenco Laboratories

Sampler Signature:

Tyler Riggle

Comments:

Bill to: Boyd.Fortin@energytransfer.com  
Boyd Fortin

SAMPLE IDENTIFICATION

SAMPLING

MATRIX

PRESERVATIVE METHOD

DATE

TIME

WATER

SOIL

HCL

HNO<sub>3</sub>

ICE

# CONTAINERS

FILTERED (Y/N)

LAB USE ONLY

REMARKS:

Hold

BTX 8021B

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 ~~8082~~ SM 4500

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Asbestos

Hold

LAB USE ONLY

REMARKS:

Hold

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

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January 22, 2025

TYLER RIGGLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: HOBBS STATION

Enclosed are the results of analyses for samples received by the laboratory on 12/20/24 12:27.

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

[www.tceq.texas.gov/field/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 1 B ( 0-1' )	H247729-01	Soil	20-Dec-24 08:00	20-Dec-24 12:27
SW - 2 B ( 0-1.5' )	H247729-02	Soil	20-Dec-24 08:10	20-Dec-24 12:27
SW - 3 B ( 0-1.5' )	H247729-03	Soil	20-Dec-24 08:20	20-Dec-24 12:27
SW - 4 B ( 0-1.5' )	H247729-04	Soil	20-Dec-24 08:25	20-Dec-24 12:27
SW - 5 B ( 0-1.5' )	H247729-05	Soil	20-Dec-24 08:35	20-Dec-24 12:27
SW - 14 B ( 0-1.5' )	H247729-06	Soil	20-Dec-24 08:45	20-Dec-24 12:27
SW - 16 B ( 0-1.5' )	H247729-07	Soil	20-Dec-24 08:55	20-Dec-24 12:27
SW - 18 B ( 0-1' )	H247729-08	Soil	20-Dec-24 09:05	20-Dec-24 12:27
CS - 1 B ( 1' )	H247729-09	Soil	20-Dec-24 09:15	20-Dec-24 12:27
CS - 2 B ( 1' )	H247729-10	Soil	20-Dec-24 09:25	20-Dec-24 12:27
CS - 3 B ( 1' )	H247729-11	Soil	20-Dec-24 09:35	20-Dec-24 12:27
CS - 4 B ( 1' )	H247729-12	Soil	20-Dec-24 09:45	20-Dec-24 12:27
CS - 5 B ( 1' )	H247729-13	Soil	20-Dec-24 09:55	20-Dec-24 12:27
CS - 6 B ( 1' )	H247729-14	Soil	20-Dec-24 10:05	20-Dec-24 12:27
CS - 8 B ( 1' )	H247729-15	Soil	20-Dec-24 10:15	20-Dec-24 12:27
CS - 10 B ( 1' )	H247729-16	Soil	20-Dec-24 10:25	20-Dec-24 12:27
CS - 12 B ( 1' )	H247729-17	Soil	20-Dec-24 10:35	20-Dec-24 12:27
CS - 13 B ( 1' )	H247729-18	Soil	20-Dec-24 10:45	20-Dec-24 12:27
CS - 14 B ( 1' )	H247729-19	Soil	20-Dec-24 10:55	20-Dec-24 12:27
CS - 16 B ( 1' )	H247729-20	Soil	20-Dec-24 10:59	20-Dec-24 12:27
CS - 17 B ( 1.5' )	H247729-21	Soil	20-Dec-24 11:05	20-Dec-24 12:27
CS - 18 B ( 1.5' )	H247729-22	Soil	20-Dec-24 11:10	20-Dec-24 12:27
CS - 19 B ( 1.5' )	H247729-23	Soil	20-Dec-24 11:15	20-Dec-24 12:27
CS - 20 B ( 1.5' )	H247729-24	Soil	20-Dec-24 11:20	20-Dec-24 12:27
CS - 21 B ( 1.5' )	H247729-25	Soil	20-Dec-24 11:25	20-Dec-24 12:27
CS - 23 B ( 1.5' )	H247729-26	Soil	20-Dec-24 11:30	20-Dec-24 12:27
CS - 24 B ( 1.5' )	H247729-27	Soil	20-Dec-24 11:35	20-Dec-24 12:27

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  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

CS - 26 B ( 1.5' )	H247729-28	Soil	20-Dec-24 11:37	20-Dec-24 12:27
CS - 27 B ( 1.5' )	H247729-29	Soil	20-Dec-24 11:39	20-Dec-24 12:27
CS - 28 B ( 1.5' )	H247729-30	Soil	20-Dec-24 11:41	20-Dec-24 12:27
CS - 29 B ( 1' )	H247729-31	Soil	20-Dec-24 11:43	20-Dec-24 12:27
CS - 30 B ( 1.5' )	H247729-32	Soil	20-Dec-24 11:46	20-Dec-24 12:27
CS - 32 B ( 1.5' )	H247729-33	Soil	20-Dec-24 11:48	20-Dec-24 12:27
CS - 33 B ( 1.5' )	H247729-34	Soil	20-Dec-24 11:50	20-Dec-24 12:27
CS - 34 B ( 1.5' )	H247729-35	Soil	20-Dec-24 11:52	20-Dec-24 12:27
CS - 36 B ( 1.5' )	H247729-36	Soil	20-Dec-24 11:54	20-Dec-24 12:27
CS - 38 B ( 1.5' )	H247729-37	Soil	20-Dec-24 11:56	20-Dec-24 12:27
CS - 40 B ( 1' )	H247729-38	Soil	20-Dec-24 11:58	20-Dec-24 12:27
CS - 42 B ( 1' )	H247729-39	Soil	20-Dec-24 12:00	20-Dec-24 12:27

01/22/25 - Client changed the sample depths (see COC). This is the revised report and will replace the one sent on 12/27/24.

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**SW - 1 B ( 0-1' )**  
**H247729-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 4122310 JH 23-Dec-24 8021B

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane 101 % 48.2-134 4122052 MS 23-Dec-24 8015B

Surrogate: 1-Chlorooctadecane 109 % 49.1-148 4122052 MS 23-Dec-24 8015B

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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  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**SW - 2 B ( 0-1.5' )****H247729-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			106 %	48.2-134		4122052	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			113 %	49.1-148		4122052	MS	23-Dec-24	8015B	
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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  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**SW - 3 B ( 0-1.5' )****H247729-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			114 %	48.2-134		4122052	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			119 %	49.1-148		4122052	MS	23-Dec-24	8015B	
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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  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**SW - 4 B ( 0-1.5' )****H247729-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			112 %	48.2-134		4122052	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			119 %	49.1-148		4122052	MS	23-Dec-24	8015B	
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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  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**SW - 5 B ( 0-1.5' )****H247729-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4122052	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			110 %	49.1-148		4122052	MS	23-Dec-24	8015B	
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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  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**SW - 14 B ( 0-1.5' )****H247729-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			108 %	48.2-134		4122052	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			114 %	49.1-148		4122052	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**SW - 16 B ( 0-1.5' )****H247729-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			105 %		48.2-134	4122052	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			110 %		49.1-148	4122052	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**SW - 18 B ( 0-1' )****H247729-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			105 %		48.2-134	4122052	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			109 %		49.1-148	4122052	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 1 B ( 1' )****H247729-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %		71.5-134	4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			106 %		48.2-134	4122052	MS	23-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			110 %		49.1-148	4122052	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 2 B ( 1' )****H247729-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122052	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			102 %		48.2-134	4122052	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			107 %		49.1-148	4122052	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 3 B ( 1' )****H247729-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122343	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			109 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			95.7 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 4 B ( 1' )****H247729-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			114 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 5 B ( 1' )****H247729-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			125 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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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  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 6 B ( 1' )****H247729-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			122 %		48.2-134	4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			105 %		49.1-148	4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 8 B ( 1' )****H247729-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			115 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 10 B ( 1' )****H247729-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %		71.5-134	4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			84.2 %		48.2-134	4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			74.8 %		49.1-148	4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 12 B ( 1' )****H247729-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			97.1 %		48.2-134	4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			85.9 %		49.1-148	4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 13 B ( 1' )****H247729-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %		71.5-134	4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			85.6 %		48.2-134	4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			74.6 %		49.1-148	4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 14 B ( 1' )****H247729-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			88.9 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			78.0 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 16 B ( 1' )****H247729-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122310	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122310	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	4122310	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			85.5 %		48.2-134	4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			73.3 %		49.1-148	4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 17 B ( 1.5' )****H247729-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			88.4 %		48.2-134	4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			76.2 %		49.1-148	4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 18 B ( 1.5' )****H247729-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			89.6 %		48.2-134	4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			79.4 %		49.1-148	4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 19 B ( 1.5' )****H247729-23 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			87.6 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			79.0 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 20 B ( 1.5' )****H247729-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			90.3 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			80.7 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 21 B ( 1.5' )****H247729-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			87.5 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			76.9 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 23 B ( 1.5' )****H247729-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			81.1 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			68.8 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 24 B ( 1.5' )****H247729-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			83.5 %		48.2-134	4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			72.8 %		49.1-148	4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 26 B ( 1.5' )****H247729-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			83.5 %		48.2-134	4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			75.2 %		49.1-148	4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 27 B ( 1.5' )****H247729-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			73.3 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			64.5 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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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  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 28 B ( 1.5' )****H247729-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122054	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			75.9 %	48.2-134		4122054	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			67.2 %	49.1-148		4122054	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 29 B ( 1' )****H247729-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122338	AC	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			88.7 %		48.2-134	4122055	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			80.9 %		49.1-148	4122055	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 30 B ( 1.5' )****H247729-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122344	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			91.5 %		48.2-134	4122055	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			83.6 %		49.1-148	4122055	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 32 B ( 1.5' )****H247729-33 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	4122344	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.5 %	48.2-134		4122055	MS	23-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			74.2 %	49.1-148		4122055	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 33 B ( 1.5' )****H247729-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4122344	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			119 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			90.2 %		48.2-134	4122055	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			81.7 %		49.1-148	4122055	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 34 B ( 1.5' )****H247729-35 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122344	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			93.5 %	48.2-134		4122055	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			84.7 %	49.1-148		4122055	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 36 B ( 1.5' )****H247729-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122344	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			98.0 %		48.2-134	4122055	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			90.6 %		49.1-148	4122055	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 38 B ( 1.5' )****H247729-37 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	4122344	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			95.1 %		48.2-134	4122055	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			88.2 %		49.1-148	4122055	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 40 B ( 1' )****H247729-38 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122344	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			93.7 %		48.2-134	4122055	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			86.9 %		49.1-148	4122055	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**CS - 42 B ( 1' )****H247729-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories****Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4122344	CT	23-Dec-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4122311	JH	23-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4122311	JH	23-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %		71.5-134	4122311	JH	23-Dec-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4122055	MS	23-Dec-24	8015B	

Surrogate: 1-Chlorooctane			87.4 %		48.2-134	4122055	MS	23-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			80.8 %		49.1-148	4122055	MS	23-Dec-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**Inorganic Compounds - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 4122338 - 1:4 DI Water****Blank (4122338-BLK1)**

Prepared &amp; Analyzed: 23-Dec-24

Chloride	ND	16.0	mg/kg							
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**LCS (4122338-BS1)**

Prepared &amp; Analyzed: 23-Dec-24

Chloride	400	16.0	mg/kg	400	100	80-120				
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**LCS Dup (4122338-BSD1)**

Prepared &amp; Analyzed: 23-Dec-24

Chloride	416	16.0	mg/kg	400	104	80-120	3.92	20		
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**Batch 4122343 - 1:4 DI Water****Blank (4122343-BLK1)**

Prepared &amp; Analyzed: 23-Dec-24

Chloride	ND	16.0	mg/kg							
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**LCS (4122343-BS1)**

Prepared &amp; Analyzed: 23-Dec-24

Chloride	432	16.0	mg/kg	400	108	80-120				
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**LCS Dup (4122343-BSD1)**

Prepared &amp; Analyzed: 23-Dec-24

Chloride	416	16.0	mg/kg	400	104	80-120	3.77	20		
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**Batch 4122344 - 1:4 DI Water****Blank (4122344-BLK1)**

Prepared &amp; Analyzed: 23-Dec-24

Chloride	ND	16.0	mg/kg							
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**LCS (4122344-BS1)**

Prepared &amp; Analyzed: 23-Dec-24

Chloride	416	16.0	mg/kg	400	104	80-120				
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

**Inorganic Compounds - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 4122344 - 1:4 DI Water****LCS Dup (4122344-BSD1)**

Prepared &amp; Analyzed: 23-Dec-24

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 4122310 - Volatiles****Blank (4122310-BLK1)**

Prepared &amp; Analyzed: 23-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0569		mg/kg	0.0500		114	71.5-134			

**LCS (4122310-BS1)**

Prepared &amp; Analyzed: 23-Dec-24

Benzene	2.24	0.050	mg/kg	2.00		112	82.8-130			
Toluene	2.11	0.050	mg/kg	2.00		106	86-128			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	85.9-128			
m,p-Xylene	4.21	0.100	mg/kg	4.00		105	89-129			
o-Xylene	2.15	0.050	mg/kg	2.00		107	86.1-125			
Total Xylenes	6.36	0.150	mg/kg	6.00		106	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.5	71.5-134			

**LCS Dup (4122310-BSD1)**

Prepared &amp; Analyzed: 23-Dec-24

Benzene	2.24	0.050	mg/kg	2.00		112	82.8-130	0.162	15.8	
Toluene	2.10	0.050	mg/kg	2.00		105	86-128	0.537	15.9	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128	2.67	16	
m,p-Xylene	4.06	0.100	mg/kg	4.00		101	89-129	3.76	16.2	
o-Xylene	2.07	0.050	mg/kg	2.00		104	86.1-125	3.75	16.7	
Total Xylenes	6.13	0.150	mg/kg	6.00		102	88.2-128	3.75	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0482		mg/kg	0.0500		96.4	71.5-134			

**Batch 4122311 - Volatiles****Blank (4122311-BLK1)**

Prepared &amp; Analyzed: 23-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 4122311 - Volatiles****Blank (4122311-BLK1)**

Prepared &amp; Analyzed: 23-Dec-24

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0546		mg/kg	0.0500		109	71.5-134			

**LCS (4122311-BS1)**

Prepared &amp; Analyzed: 23-Dec-24

Benzene	2.11	0.050	mg/kg	2.00		105	82.8-130			
Toluene	2.04	0.050	mg/kg	2.00		102	86-128			
Ethylbenzene	2.13	0.050	mg/kg	2.00		106	85.9-128			
m,p-Xylene	4.30	0.100	mg/kg	4.00		108	89-129			
o-Xylene	2.13	0.050	mg/kg	2.00		107	86.1-125			
Total Xylenes	6.43	0.150	mg/kg	6.00		107	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0512		mg/kg	0.0500		102	71.5-134			

**LCS Dup (4122311-BS1)**

Prepared &amp; Analyzed: 23-Dec-24

Benzene	2.01	0.050	mg/kg	2.00		101	82.8-130	4.54	15.8	
Toluene	2.02	0.050	mg/kg	2.00		101	86-128	0.660	15.9	
Ethylbenzene	2.11	0.050	mg/kg	2.00		105	85.9-128	1.02	16	
m,p-Xylene	4.22	0.100	mg/kg	4.00		105	89-129	1.96	16.2	
o-Xylene	2.08	0.050	mg/kg	2.00		104	86.1-125	2.24	16.7	
Total Xylenes	6.30	0.150	mg/kg	6.00		105	88.2-128	2.05	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 4122052 - General Prep - Organics****Blank (4122052-BLK1)**

Prepared: 20-Dec-24 Analyzed: 23-Dec-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	52.8		mg/kg	50.0		106	48.2-134			
Surrogate: 1-Chlorooctadecane	55.2		mg/kg	50.0		110	49.1-148			

**LCS (4122052-BS1)**

Prepared: 20-Dec-24 Analyzed: 23-Dec-24

GRO C6-C10	189	10.0	mg/kg	200		94.7	81.5-123			
DRO >C10-C28	196	10.0	mg/kg	200		97.9	77.7-122			
Total TPH C6-C28	385	10.0	mg/kg	400		96.3	80.9-121			
Surrogate: 1-Chlorooctane	57.5		mg/kg	50.0		115	48.2-134			
Surrogate: 1-Chlorooctadecane	60.5		mg/kg	50.0		121	49.1-148			

**LCS Dup (4122052-BS1)**

Prepared: 20-Dec-24 Analyzed: 23-Dec-24

GRO C6-C10	188	10.0	mg/kg	200		94.1	81.5-123	0.616	13	
DRO >C10-C28	191	10.0	mg/kg	200		95.3	77.7-122	2.67	15.6	
Total TPH C6-C28	379	10.0	mg/kg	400		94.7	80.9-121	1.65	18.5	
Surrogate: 1-Chlorooctane	58.7		mg/kg	50.0		117	48.2-134			
Surrogate: 1-Chlorooctadecane	59.6		mg/kg	50.0		119	49.1-148			

**Batch 4122054 - General Prep - Organics****Blank (4122054-BLK1)**

Prepared: 20-Dec-24 Analyzed: 23-Dec-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	53.9		mg/kg	50.0		108	48.2-134			
Surrogate: 1-Chlorooctadecane	46.5		mg/kg	50.0		92.9	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  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

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

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

**Batch 4122054 - General Prep - Organics****LCS (4122054-BS1)**

Prepared: 20-Dec-24 Analyzed: 23-Dec-24

GRO C6-C10	213	10.0	mg/kg	200		106	81.5-123			
DRO >C10-C28	193	10.0	mg/kg	200		96.5	77.7-122			
Total TPH C6-C28	406	10.0	mg/kg	400		101	80.9-121			
Surrogate: 1-Chlorooctane	60.6		mg/kg	50.0		121	48.2-134			
Surrogate: 1-Chlorooctadecane	50.5		mg/kg	50.0		101	49.1-148			

**LCS Dup (4122054-BS1)**

Prepared: 20-Dec-24 Analyzed: 23-Dec-24

GRO C6-C10	208	10.0	mg/kg	200		104	81.5-123	2.18	13	
DRO >C10-C28	184	10.0	mg/kg	200		92.0	77.7-122	4.85	15.6	
Total TPH C6-C28	392	10.0	mg/kg	400		98.0	80.9-121	3.44	18.5	
Surrogate: 1-Chlorooctane	61.6		mg/kg	50.0		123	48.2-134			
Surrogate: 1-Chlorooctadecane	52.3		mg/kg	50.0		105	49.1-148			

**Batch 4122055 - General Prep - Organics****Blank (4122055-BLK1)**

Prepared: 20-Dec-24 Analyzed: 23-Dec-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	59.9		mg/kg	50.0		120	48.2-134			
Surrogate: 1-Chlorooctadecane	55.5		mg/kg	50.0		111	49.1-148			

**LCS (4122055-BS1)**

Prepared: 20-Dec-24 Analyzed: 23-Dec-24

GRO C6-C10	219	10.0	mg/kg	200		109	81.5-123			
DRO >C10-C28	220	10.0	mg/kg	200		110	77.7-122			
Total TPH C6-C28	439	10.0	mg/kg	400		110	80.9-121			
Surrogate: 1-Chlorooctane	64.7		mg/kg	50.0		129	48.2-134			
Surrogate: 1-Chlorooctadecane	60.4		mg/kg	50.0		121	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Project: HOBBS STATION  
Project Number: 212C-MD-03698  
Project Manager: TYLER RIGGLE  
Fax To: (432) 682-3946

Reported:  
22-Jan-25 17:23

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

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

**Batch 4122055 - General Prep - Organics****LCS Dup (4122055-BSD1)**

Prepared: 20-Dec-24 Analyzed: 23-Dec-24

GRO C6-C10	216	10.0	mg/kg	200		108	81.5-123	1.58	13	
DRO >C10-C28	212	10.0	mg/kg	200		106	77.7-122	3.67	15.6	
Total TPH C6-C28	428	10.0	mg/kg	400		107	80.9-121	2.62	18.5	
Surrogate: 1-Chlorooctane	66.2		mg/kg	50.0		132	48.2-134			
Surrogate: 1-Chlorooctadecane	63.5		mg/kg	50.0		127	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".

Celey D. Keene, Lab Director/Quality Manager



Tyler Riggle

**Contact Info:**

[Tyler.Riggall@tetrattech.com](mailto:Tyler.Riggall@tetrattech.com)

Project #: 212C-MD-03698

Sampler Signature: 

Sampler Signature: G. Berk Sanchez

Bill to: **Boyd Fortin**  
[Boyd.Fortin@ENERGYTRANSFER.COM](mailto:Boyd.Fortin@ENERGYTRANSFER.COM)

<b>SAMPLING</b>	<b>YEAR:</b>			<b>MATRIX</b>	<b>PRESERVATIVE METHOD</b>
	<b>DATE</b>				
	<b>TIME</b>				
	<b>WATER</b>				
	<b>SOIL</b>				
<b>HCL</b>					
<b>HNO<sub>3</sub></b>					
<b>ICE</b>					
# CONTAINERS					
FILTERED (Y/N)					

BTEX 8021B
TPH 8015M (GRO-DRO-ORO-MRO)
Chloride 300.0 or <b>SM4500</b>

ANALYSIS REQUEST  
or Specify Method No.)

Hold

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

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

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

**LAB USE ONLY**

5 day TAT

Sample Temperature

☒ **RUSH:** Same Day 24 h

☐ Special Report Limits or TRRP Report

(Circle)	HAND DELIVERED	FEDEX	UPS	Tracking #:

Released to Imaging: 3/7/2025 9:38:47 AM











Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 West Wall St, Suite 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Client Name:

Energy Transfer Company

Site Manager:

Tyler Riggle

Project Name:

Hobbs Station

Contact Info:

Tyler.Riggle@tetratech.com

Project Location:

Lea Co., NM

Project #:

212C-MD-03698

Invoice to:

Energy Transfer Company

Receiving Laboratory:

Cardinal Laboratories

Sampler Signature:

*Glenn S. Sander*

Comments:

Bill to: Boyd Fortin

Boyd.Fortin@ENERGYTRANSFER.COM

LAB #

SAMPLE IDENTIFICATION

(LAB USE ONLY)

LAB #

YEAR

DATE

TIME

WATER

SOIL

HCL

HNO<sub>3</sub>

ICE

# CONTAINERS

FILTERED (Y/N)

BTEX 8021B

TPH 8015M (GRO-DRO-ORO-MRO)

Chloride 300.0 or SM4500

Hold

ANALYSIS REQUEST

(Circle or Specify Method No.)

Inquired by:

Date: Time:

Received by:

Date: Time:

LAB USE ONLY

REMARKS:

5 day TAT

Inquired by:

Date: Time:

Received by:

Date: Time:

LAB USE ONLY

REMARKS:

5 day TAT

Inquired by:

Date: Time:

Received by:

Date: Time:

LAB USE ONLY

REMARKS:

5 day TAT

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Special Report Limits or TRRP Report

\* Customer requested Depth Change.

ORIGINAL COPY

APR. 1/20/25



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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 421557

QUESTIONS

Operator: CENTURION PIPELINE L.P. 516 Veterans Airpark Lane Midland, TX 79705	OGRID: 237722
	Action Number: 421557
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2431239753
Incident Name	NAPP2431239753 HOBBS SWEET CRUDE TRUCKING @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Hobbs Sweet Crude Trucking
Date Release Discovered	11/06/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Human Error   Injection Header   Crude Oil   Released: 48 BBL   Recovered: 37 BBL   Lost: 11 BBL.
Produced Water Released (bbls) Details	Cause: Human Error   Injection Header   Produced Water   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Human Error   Injection Header   Condensate   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Natural Gas Vented (Mcf) Details	Cause: Human Error   Injection Header   Natural Gas Vented   Released: 0 MCF   Recovered: 0 MCF   Lost: 0 MCF.
Natural Gas Flared (Mcf) Details	Cause: Human Error   Injection Header   Natural Gas Flared   Released: 0 MCF   Recovered: 0 MCF   Lost: 0 MCF.
Other Released Details	Cause: Human Error   Injection Header   Crude Oil   Released: 48 BBL   Recovered: 37 BBL   Lost: 11 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Crude trucking driver left valve open and header overflowed after driver drove off. still under investigation

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QUESTIONS, Page 2

Action 421557

**QUESTIONS (continued)**

Operator: CENTURION PIPELINE L.P. 516 Veterans Airpark Lane Midland, TX 79705	OGRID: 237722
	Action Number: 421557
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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	released has been contained to soil and all free standing oil has been picked up.

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

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

I hereby agree and sign off to the above statement	Name: Ryan Reich Email: <a href="mailto:ryan.reich@energytransfer.com">ryan.reich@energytransfer.com</a> Date: 01/09/2025
--	---

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QUESTIONS, Page 3

Action 421557

**QUESTIONS (continued)**

Operator: CENTURION PIPELINE L.P. 516 Veterans Airport Lane Midland, TX 79705	OGRID: 237722
	Action Number: 421557
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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)	368
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	5253
GRO+DRO (EPA SW-846 Method 8015M)	4780
BTEX (EPA SW-846 Method 8021B or 8260B)	31.8
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	11/13/2024
On what date will (or did) the final sampling or liner inspection occur	12/20/2024
On what date will (or was) the remediation complete(d)	01/07/2025
What is the estimated surface area (in square feet) that will be reclaimed	8502
What is the estimated volume (in cubic yards) that will be reclaimed	472
What is the estimated surface area (in square feet) that will be remediated	8502
What is the estimated volume (in cubic yards) that will be remediated	472

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 421557

**QUESTIONS (continued)**

Operator: CENTURION PIPELINE L.P. 516 Veterans Airpark Lane Midland, TX 79705	OGRID: 237722
	Action Number: 421557
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<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>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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: Ryan Reich Email: <a href="mailto:ryan.reich@energytransfer.com">ryan.reich@energytransfer.com</a> Date: 01/27/2025
<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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Santa Fe, NM 87505

QUESTIONS, Page 5  
  
Action 421557

QUESTIONS (continued)

Operator:  CENTURION PIPELINE L.P. 516 Veterans Airpark Lane Midland, TX 79705	OGRID:  237722
	Action Number:  421557
	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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**Oil Conservation Division**  
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**Santa Fe, NM 87505**

QUESTIONS, Page 6

Action 421557

**QUESTIONS (continued)**

Operator: CENTURION PIPELINE L.P. 516 Veterans Airpark Lane Midland, TX 79705	OGRID: 237722
	Action Number: 421557
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	412916
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/20/2024
What was the (estimated) number of samples that were to be gathered	39
What was the sampling surface area in square feet	8502

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	8502
What was the total volume (cubic yards) remediated	472
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	8502
What was the total volume (in cubic yards) reclaimed	472
Summarize any additional remediation activities not included by answers (above)	None.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Ryan Reich Email: <a href="mailto:ryan.reich@energytransfer.com">ryan.reich@energytransfer.com</a> Date: 01/27/2025

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

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Action 421557

QUESTIONS (continued)

Operator:  CENTURION PIPELINE L.P. 516 Veterans Airpark Lane Midland, TX 79705	OGRID:  237722
	Action Number:  421557
	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

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

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

CONDITIONS

Action 421557

CONDITIONS

Operator: CENTURION PIPELINE L.P. 516 Veterans Airpark Lane Midland, TX 79705	OGRID: 237722
	Action Number: 421557
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	2/24/2025