Site Remediation Closure Request

Poker Lake Unit 49 to Poker Lake Unit 1

Eddy County, New Mexico

Latitude 32.19602 North, Longitude 103.91704 West

Unit Letter "E", Section 19, Township 24 South, Range 30 East

NMOCD Incident # nAPP2412643284

Prepared For:
ET G&P
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Prepared By:
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Table Of Contents

Introduction

NMOCD Form C-141 Remediation/Closure Pages
Project Information
1.0 Poker Lake Release Site Information Table
2.0 Background
3.0 NMOCD Site Characterization
4.0 Initial Site Assessment
5.0 Excavation & Completed Delineation
    5.1 Completed Delineation Activities
5.0 Final Closure Sampling Notifications
    Soil volume/Dimensions
6.0 Final Composite Closure Sampling Activities
7.0 Restoration
8.0 Soil Closure Request

Limitations
Distributions

Figures

Figure 1 – Topographic Map
Figure 2 – OSE Map
Figure 3 – USGS Map
Figure 4 – Scaled Site Map
Figure 5 – Excavation Map

Tables

Table 1 –NMOCD Closure & Reclamation Standard
Table 2 – Summary of Laboratory Analytical Results

Attachments

Attachment I – Site Photographs
Attachment II – Depth to Groundwater
Attachment III – Laboratory Analytical Reports

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May 20, 2025

New Mexico Energy, Minerals & Natural Resources
NMOCD District 2
C/O: Mike Bratcher, Robert Hamlet & Brittany Hall
811 S. First Street
Artesia, NM 88210

Bureau Of Land Management
C/O: Crisha Morgan
620 E. Green Street
Carlsbad, NM 8820

ET G&P
Dean Ericson

RE: Site Remediation; Closure Request
ET G&P
Poker Lake Unit 49 To Poker Lake Unit 1
Latitude 32.19602 North, Longitude 103.91704 West
Unit Letter "E", Section 19, Township 24 South, Range 30 East
Eddy County, New Mexico
NMOCD Incident # nAPP2412643284

ET G&P respectively submits this *Site Remediation Closure Request to* the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation of detailed delineation and remedial actions to address the *Poker Lake* release. This report serves as a condensed summary of field activities undertaken at the afore referenced Site.

Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form C-141 Remediation pages are included as Attachment V. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

Project Information

1.0 Poker Lake Release Site Information Table

Site Information	
Incident ID	nAPP2412643284
Site Name	Poker Lake Unit 49 to Poker Lake Unit 1
Company	ET G&P
County	Eddy
ULSTR	E (SW/SW) -19-24S-30E
GPS Coordinates (NAD 83)	32.19602 -103.91704
Landowner	Federal

Release Information	
Date of Release	05/03/2024
Type of Release	Natural Gas
Source of Release	Pipeline
Volume Released – Crude Oil	5 BBLs
Volume Recovered – Crude Oil	0 BBLs
Volume Released – Produced Water	21 BBLs
Volume Recovered – Produced Water	0 BBLs
Affected Area –	Approximately 6,000 sqft
Site Location Map	Attached

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	C-02109	03/03/2025	240' Bgs

General Site Characterization

Site Assessment	
Depth to Water	➢ 100'bgs
Within 100 yr. Floodplain	Between 1 and 5 (mi.)
Pasture Impact	Yes
Initial Response	
Shallowest depth to groundwater beneath the area affected	> 100 (ft)
What method was used to determine groundwater?	http://nmwrrs.ose.state.nm.us/waterColumn.html
Did the release impact groundwater or surface water	No
Source has been stopped	True

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Impacted Area has been secured to protect human health and environment	True
Release area has been contained	True
All free liquids have been managed	True
If all actions described above have not been removed and managed appropriately explain why	Per Paragraph (4) of subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. • Remediation Summary attached.

Minimum Distance, between the closest lateral extents of the release and the following surface area	
A continuously flowing watercourse or any other significant watercourse	>5 (mi.)
Any lakebed, sinkhole, or playa lake measured from the ordinary high-water mark	>5 (mi.)
An occupied permanent residence, school, hospital, institution, or church.	> 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes.	>5 (mi.)
A wetland	>5 (mi.)
A subsurface mine	>5 (mi.)
An (non-karst) unstable area.	>5 (mi.)
Categorize the risk of this well/ site being in Karst geology	Low Karst
100-year floodplain	Between 1and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site.	Yes

Delineation /Remediation Activities

Have the lateral and vertical extents of contamination been fully delineated?	yes
Was the release entirely contained within a lined containment	No
Soil Contamination Sampling: Highest observable value	
Chloride	5,280mg/kg
TPH (GRO+DRO+MRO)	11,576.0 mg/kg
GRO + DRO	9,586.0mg/kg
BTEX	5.08mg/kg
Benzene	<0.050 mg/kg
Was the release contained in a line containment?	No

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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
Requesting a Remediation Plan	No
Remediation Activities	
Summarize additional activities	Report Attached
OCD approved (ex-Situ) off-Site Disposal	Owl Disposal
OCD approved well (API)	N/A
OCD offsite disposal (out-of-state)	N/A
Off-Site disposal site, NMED facility	N/A
(Ex-Situ) excavation and on-site remediation (i.e. On-site land farm)	N/A
(In-Situ) Soil Vapor Extraction	N/A
(In-Situ) Chemical processing	N/A
(In-Situ) Biological processing (Microbes/fertilizer)	N/A
(In-Situ) Physical Processing	N/A
Ground Water Abatement pursuant to 19.15.30 NMAC	N/A
Other (non-listed remedial process)	N/A
Deferral Request	N/A
Sampling Event Information	
Last Sampling notification (C-141N) recorded	04/20/2025
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of subsection D of 19.15.12 NMAC	04/23/2025
What was the (estimated) number of samples that were gathered	50
What was the sampling surface area in square feet	6,000 sq ft.
Remediation Closure Request	Yes
Requesting remediation closure approval with this submission?	Yes
Have the lateral and vertical extents of contamination been fully delineated?	Yes
Was the release entirely contained within lined containment?	No
Are all areas reasonably needed for production or subsequent drilling operations stabilized, returned to the sites existing grade, and have a soul cover that prevents ponding of water, minimizing dust and erosion?	yes
Total surface Area (in square feet) remediated	6,000 sq ft.
What was the total volume (cubic yards) remediated**?**	600cyds
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet on non-waste contain earthen material with concentrations of less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10mg/kg Benzene.	Yes

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What was the total area (in square feet) reclaimed?	6,000 sq ft
What was the total volume (in cubic yards) reclaimed	600 cyds
Summary of additional activities attached	Report Attached
Reclamation Report Requested	Yes
Requesting a reclamation approval with submission	yes
What was total reclamation surface area (square feet) for this site	6,000 sq ft
Total Volume of replacement material (cubic yards)	600 cyds
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	June 2025
Summarize any additional reclamation activities	Report attached
Re-vegetation Report	
Requesting complete restoration with this submission	No

2.0 Background

The initial C-141 Form associated with this release indicated the release occurred on May 03, 2024. Approximately 5BBLS of crude oil was released with zero (0) bbl recovered and 21 BBLS of produced water released with zero (0) recovered. The cause of the release is unknown. Immediate notification of a major release was submitted and NOR application was assigned to the incident. Initial clean-up activities commenced immediately to take the appropriate measures to stop the source and limit access to the site as necessary to protect human health and the environment.

The site is in Unit Letter E (SW/NW), Section 19, Township 24 South, Range 30 East, approximately 9 miles Southeast of Malaga, on federal land in Eddy County, New Mexico. The GPS coordinates for the release site are 32.19602 North, Longitude 103.91704.

3.0 NMOCD Site Characterization and Closure Criteria

Depth to Groundwater/Wellhead Protection:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed to determine the horizontal distance to known water sources within a (½) half-mile radius of the Release Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

- On March 3, 2025, HR Enterprises, LLC license #WD-1862 ***gauged*** NMOSE Well #C-02109 owned by Tyson Mahaffey in Eddy County NM: GPS 32.2027, -103.9164
    - **Findings as follows:** ***Static water level on 03/03/25 was 240' BGS***

The search revealed depth to water information **met** the NMOCD criteria for the age of data, the distance of the data point well from the release point, and data point well having a diagram of construction.

A **desktop sensitive receptor search** was conducted using publicly available data from the **New Mexico Office of the State Engineer (NMOSE)**, **USGS**, and **USFWS IPAC** databases. The results confirmed:

- No residences, schools, or public buildings within the area of concern
- No continuously flowing or significant watercourse, lakebed, sinkhole, playa, spring, drinking water source, or wetland surface or water bodies located nearby
- No regularly occupied structure including residence, school, hospital, institution, church, mining or other ordinance boundaries located nearby
- No threatened or endangered species, critical habitats, or Areas of Critical Environmental Concern (ACEC) are present. The site lies in low Karst geology.

Utilizing this information, the NMOCD Closure Criteria for the Site was determined as follows.

Table 1. NMOCD Closure Criteria

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
240'	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	-
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)
† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).
‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

Depth to groundwater information is provided as Attachment II and the results are depicted on Figures 1,2, and 3.

4.0 Initial Site Assessment/Definition

On August 22, 2024, Tetra Tech completed the initial site assessment. During the initial assessment a series of hand-augured soil bores labeled as AH1-AH12 were advanced within the release margins to determine the vertical extent of impacted soil. In addition, soil samples labeled as H1-H15 were advanced along the inferred edges of the affected area to determine the horizontal extent of contamination. Delineation soil samples both vertical and horizontal were submitted to the laboratory for analysis of BTEX, TPH and chloride.

Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria Reclamation Standard in each of the submitted soil samples except for vertical delineation soil samples labeled as: AH-4 @4-4.5', AH-7 @4-4.5', AH-9 @ 3-3.5' and AH-10 @4-4.5'.

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Delineation of the impacted area was performed **concurrently with excavation activities** to ensure that all affected soils were identified and removed in a controlled and compliant manner.

A Summary of Soil Sample field and Laboratory Analytical Results is provided as Table 2.

5.0 Excavation & Completed Delineation Activities

Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was mechanically excavated and transported to an NMOCD-approved surface waste facility for disposal. (Owl Disposal)

5.1 Completed Delineation Activities

In accordance with NMOCD guidelines, Table 1 of 19.15.29.12 NMAC and Tetra Tech's previous delineation results, field notes and initial site assessment, excavation activities commenced on location.

Previous delineation sample locations AH-4, AH7, AH9 and AH10 affected above NMOCD Closure Criteria and Reclamation Standard were collected to a depth of 6'bgs and field screened for the presence of volatile organic compounds via a photoionization detector (PID) and chloride concentrations utilizing a Hach Quantab® chloride test kit. Test results indicated BTEX, TPH or chloride concentrations were below the applicable BLM/ NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples.

Five (5) additional "test" soil samples labeled as BH1, BH2, BH3, BH4, BH11 were collected from areas located relatively near AH4, AH7, AH9 and AH10 to 6 Ft Bgs. Samples were collected to ensure that no residual contamination remained in the surrounding native soil and that the release had not migrated beyond the defined boundaries. Results from these supplemental samples confirmed no evidence of vertical migration. The release area was **fully delineated in accordance with New Mexico Oil Conservation Division (NMOCD) regulations (19.15.29 NMAC)**.

The **top four (4) feet of impacted soil** were excavated across the defined release area. This depth was determined sufficiently based on analytical data, field screening, site specific site characterization and visual observations confirming shallow contamination, consistent with the nature of the release and site conditions.

The excavated area measured approximately 20Ft-100Ft in length, 30Ft-60Ft in width and 2'-4'.5ft in depth. During remediation activities approximately 600 cubic yards of impacted soil was excavated and hauled to an NMOCD approved disposal facility. (Owl Disposal)

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6.0 Final Composite Closure Sampling activities:

Upon excavating impacted soil, NMOCD was notified of Final Sampling Activities.
Five-point composite closure samples were collected from the floor and sidewalls of excavation. Composite confirmation soil samples representing every 200 Sq Ft. were collected and submitted to the laboratory for analysis of BTEX, TPH and chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples except for BH 13, SW6, SW8, SW9, SW10, SW12, SW13, SW14, SW16, SW18, SW19, SW20, SW21, SW22, SW23, SW24, SW25, SW26 and SW27.

In April of 2025, Precision Environmental began excavating all designated closure sample locations affected above NMOCD Closure Criteria. The effected area(s) were excavated until field test results indicated BTEX, TPH or chloride concentrations were below the applicable BLM/ NMOCD Closure Criteria. On April 20, 2025, the notification of Final Sampling activities was submitted and on April 23, 2025, the confirmation closure samples were collected and submitted to the laboratory for analysis of BTEX, TPH and chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard.

7.0 Restoration

Based upon laboratory analytical results from confirmation soil samples and approved closure, the excavated area will be backfilled with locally sourced clean, non-impacted “like” material placed at or near relative positions. The affected area will be contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to an extent practicable.

Upon approval of *the Final Closure Report*, affected areas not on production pad and/or lease road will be backfilled and reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds.

Seeding Timeline Details

- Seed Blend- BLM #2
- The goal is to restore native vegetation, minimize soil erosion, and promote the return of a stable, sustainable ecosystem in accordance with NMOCD and BLM reclamation guidelines restore the site to its natural, pre-disturbance condition.
    - **June** - aligns with the start of the summer monsoon season, providing optimal moisture conditions for seed germination and early growth. This timing also minimizes water stress during the establishment phase.

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8.0 Soil Closure Request:

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standard was excavated and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate concentrations of BTEX, TPH and chloride are below the NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

Based on laboratory analytical results and field activities conducted it is recommended ETC Texas Pipeline, Ltd. provide copies of this Remediation Closure Request to the appropriate agencies and request ***Closure be granted for the Poker Lake release.***

All remediation activities are in accordance with applicable NMOCD Closure requirements and/or NMOCD reclamation standard. Scaled Site Map, sample diagram, relevant field notes, photographs of open excavation before backfilling, laboratory data including chain of custody, documents of final sampling events, and the remedial activity narrative attached, respectively.

Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. Remediation pages of the NMOCD Form C-141 are included as Attachment V. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map, Scaled Site Map, and Excavation Map are included as Figure 1, Figure 2, Figure 3, Figure 4, and Figure 5, respectively.

Limitations:

Precision Group NDT (PNDT) has prepared this ***Site Remediation Closure Request & Reclamation Report*** *to* the best of its ability. No other warranty, expressed or implied, is made or intended. PNDT has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. PNDT has not conducted an independent examination of the facts contained in referenced materials and statements. PNDT has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. PNDT notes that the facts and conditions mentioned in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. PNDT has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants.

This report has been prepared for the benefit of ET G&P. Use of the information contained in this report is prohibited with the consent of Precision Group NDT and/or ET G&P; Etc. Texas Pipeline Ltd.

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Oil Conservation Division, District 1
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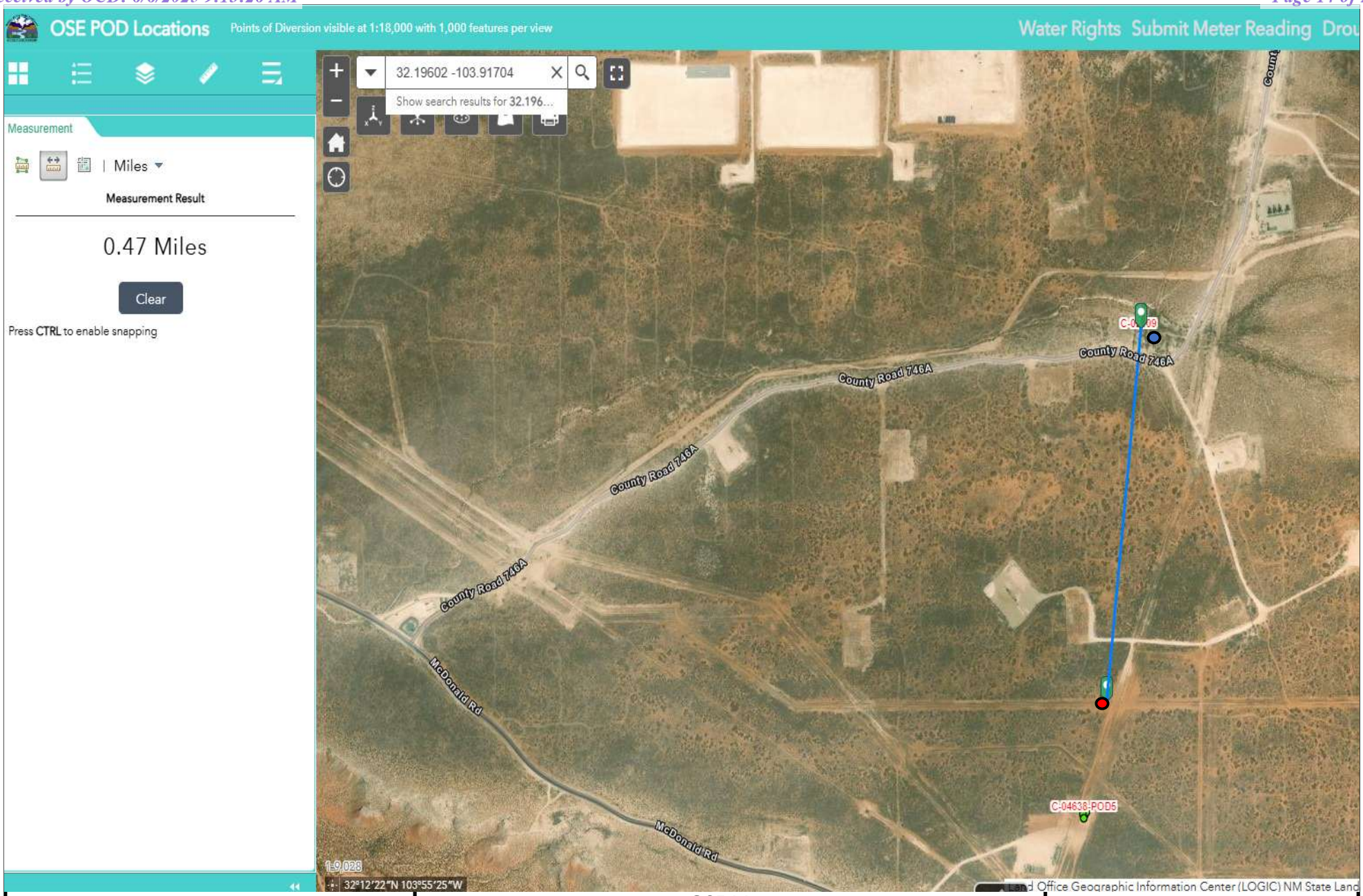
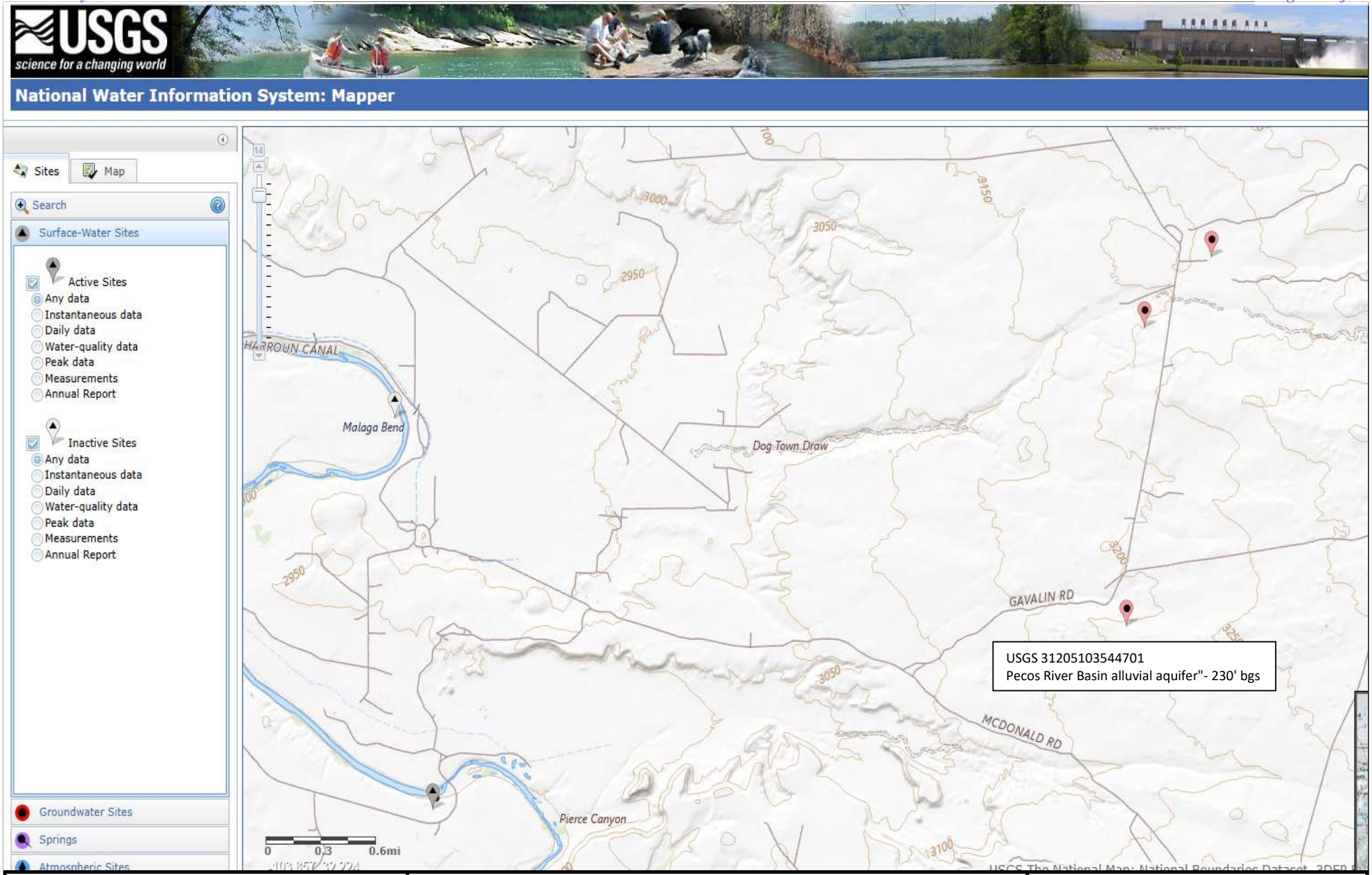
Hobbs, NM 88240

Figures



Legend:	OSE Map	
Poker Lake release site gauged well > than 100Ft	ET G&P Poker Lake Eddy County New Mexico	PRECISION GROUP



Legend:	USGS Well Locations Map	
USGS Well Locations	ET G&P Poker Lake Eddy County	PRECISION GROUP

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My Map

BLM_NM_Wildlife_Habitat

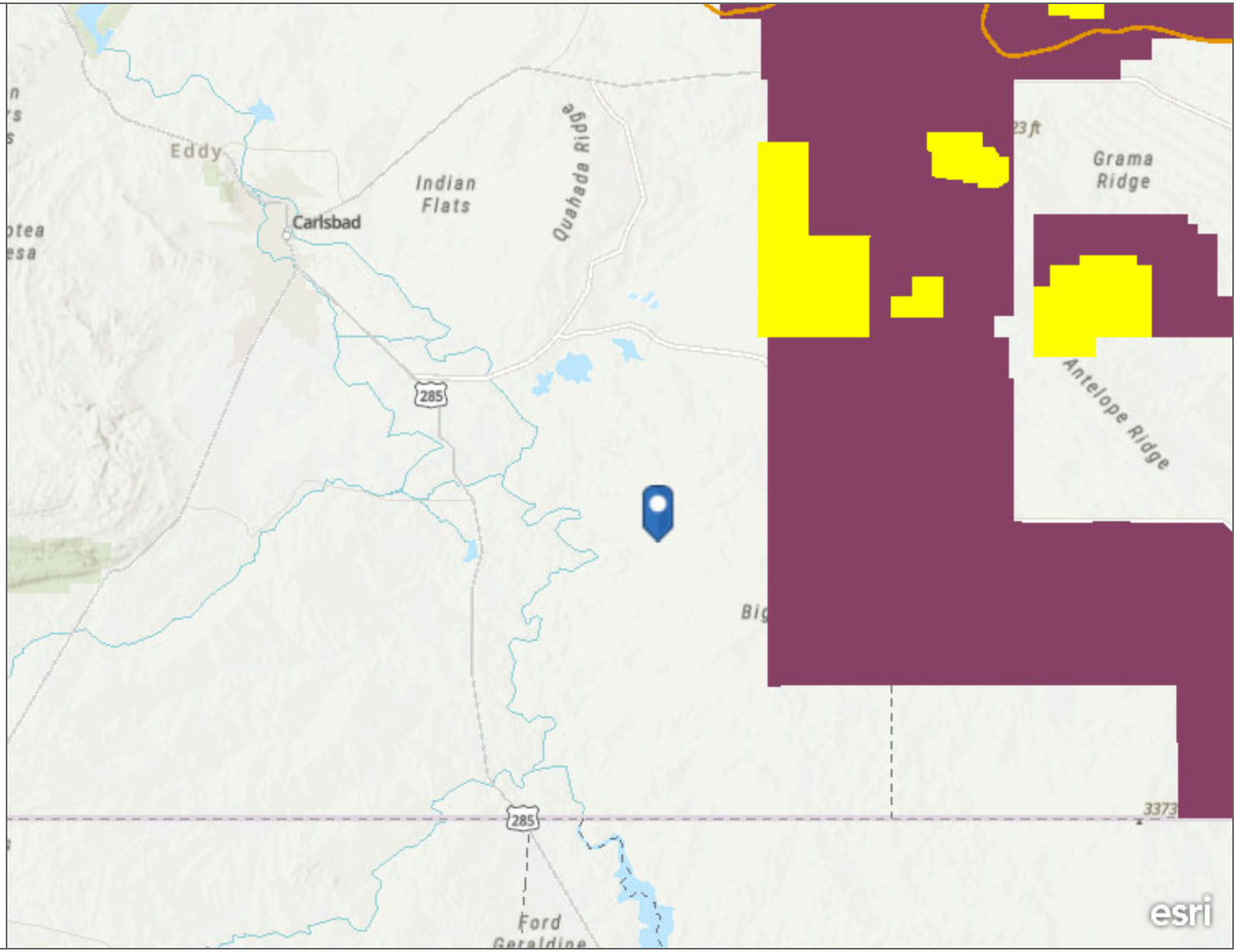
Wildlife Habitat

Dunes Sage Brush Lizard Habitat

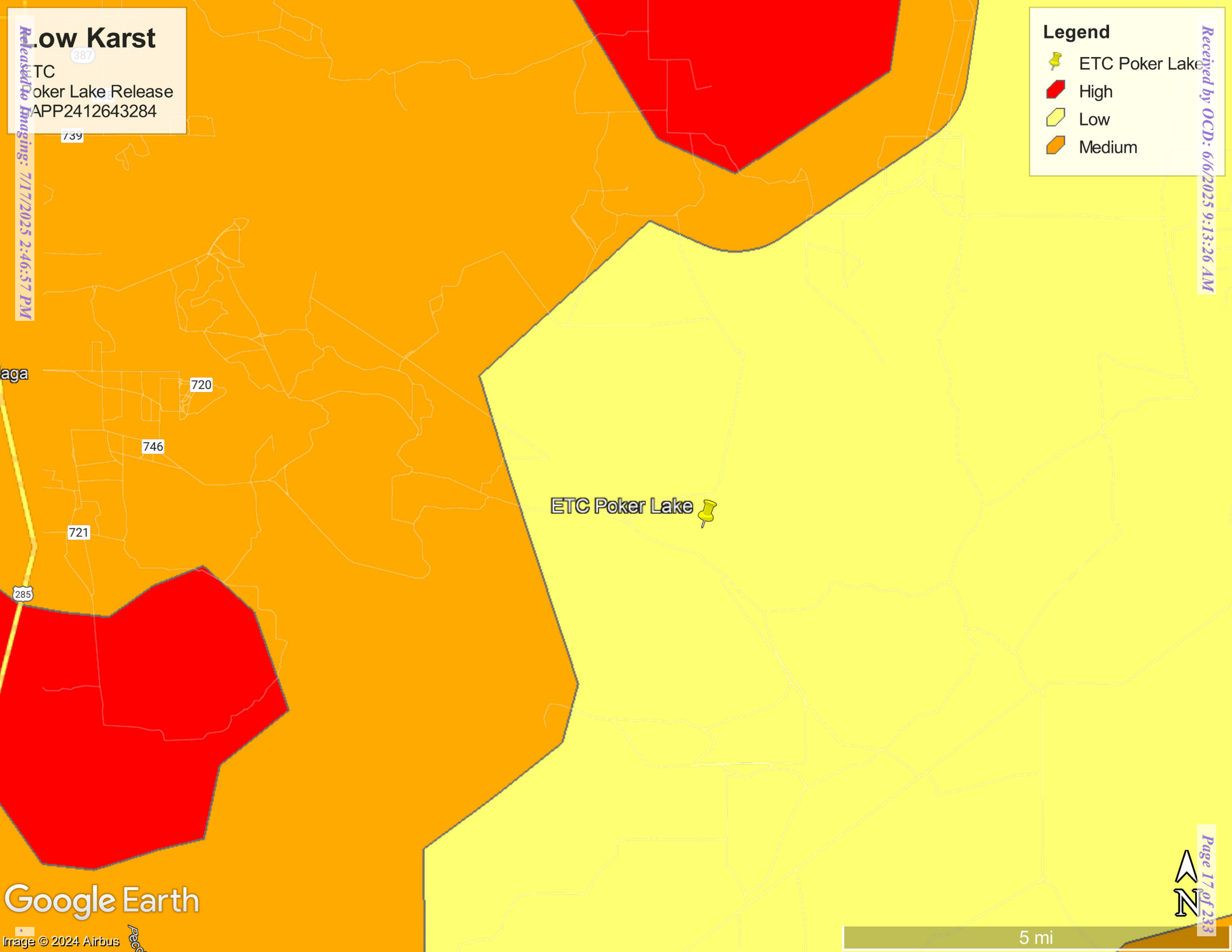
Lesser Prairie Chicken Habitat

Type

- Core Management Area
- Habitat Evaluation Area
- Isolated Population Area
- Primary Population Area
- Sparse and Scattered Population Area



Esri, CGIAR, USGS | Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS | Bureau of Land Management - New Mexico State Office



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Legend:	Delineation Sample Map	Figure 4
Release Area AH 1 Delineation Sample Location Map Horizontal Deliniation Sample Locations	nAPP2412643284 ET Gathering & Processing Poker Lake 32.196103, -103.917658 Eddy County New Mexico	PRECISION GROUP

Legend	Excavation Site Map	Figure 5
4Ft-4.5 4Ft Excavation	nAPP2412643284 ET Gathering & Processing Poker Lake 32.196103, -103.917658 Eddy County New Mexico	PRECISION GROUP

Table

TABLE 1

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Summary of Soil Sample Laboratory Analytical Results

ET Gathering & Processing

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
AH-1	8/22/2024	0-1'	In-Situ	<0.050	<0.300	<10.0	11.0	11.0	<10.0	11.0	16.0
	8/22/2024	1-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	8/22/2024	2-2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/22/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/22/2024	4-4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
AH-2	8/26/2024	0-1"	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/26/2024	1-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/26/2024	2-2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/26/2024	4-4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
AH-3	8/26/2024	0-1'	In-Situ	<0.050	<0.300	39.4	**5630**	**5669.4**	**1190**	**6859.4**	**4400**
	8/26/2024	1-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/26/2024	2-2.5'	In-Situ	<0.050	<0.300	<10.0	28.5	28.5	<10.0	28.5	80.0
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	**215.0**	**215.0**	**42.2**	**257.2**	272
	8/26/2024	4-4.5'	In-Situ	<0.050	<0.300	<10.0	17.0	17.0	<10.0	17	112
AH-4	8/26/2024	0-1'	In-Situ	<0.050	5.08	**706.0**	**9100.0**	**9806.0**	**1770.0**	**11576.0**	**4,720**
	8/26/2024	1-1.5'	In-Situ	<0.050	3.8	**616.0**	**8970.0**	**9586.0**	**1500.0**	**11086.0**	**4,800**
	8/26/2024	2-2.5'	In-Situ	<0.050	<0.300	12.4	**945.0**	**957.4**	**201.0**	**1158.4**	**5,280**
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	0.0	<10.0	0.0	**3,120**
	8/26/2024	**4-4.5'**	In-Situ	<0.050	<0.300	<10.0	**104.0**	**104.0**	**18.6**	**122.6**	**1,880**
AH-5	8/26/2024	0-1"	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144.0
	8/26/2024	1-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144.0
	8/26/2024	2-2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/26/2024	4-4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
AHG-6	8/26/2024	0-1"	In-Situ	<0.050	<0.300	<10.0	759.0	**759.0**	**176.0**	**935.0**	**3760.0**
	8/26/2024	1-1.5'	In-Situ	<0.050	<0.300	<10.0	703.0	**703.0**	**182.0**	**885.0**	**2200.0**
	8/26/2024	2-2.5'	In-Situ	<0.050	<0.300	<10.0	47.4	47.4	18.5	65.9	**1580.0**
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	29.6	29.6	<10.0	29.6	**640.0**
	8/26/2024	4-4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224.0

NOTES:

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TABLE 1

PRECISION GROUP

Summary of Soil Sample Laboratory Analytical Results

ET Gathering & Processing

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
AH-7	8/26/2024	0-1"	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
	8/26/2024	1-1.5'	In-Situ	<0.050	<0.300	<10.0	22.7	22.7	<10.0	22.7	48.0
	8/26/2024	2-2.5'	In-Situ	<0.050	<0.300	<10.0	10.6	10.6	<10.0	10.6	48.0
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	82.5	82.5	23.5	**106.0**	128.0
	8/26/2024	4-4.5'	In-Situ	<0.050	<0.300	<10.0	129.0	129.0	44.4	**173.4**	272.0
AH-8	8/26/2024	0-1"	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
	8/26/2024	1-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/26/2024	2-2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	8/26/2024	4-4.5'	In-Situ	<0.050	<0.300	<10.0	20.4	<10.0	20.4	20.4	64.0
AH-9	8/26/2024	0-1"	In-Situ	<0.050	<0.300	<10.0	**255.0**	**255.0**	**74.7**	**329.7**	**624.0**
	8/26/2024	1-1.5'	In-Situ	<0.050	<0.300	<10.0	**173.0**	**173.0**	**37.8**	**210.8**	**272.0**
	8/26/2024	2-2.5'	In-Situ	<0.050	<0.300	<10.0	21.7	21.7	<10.0	21.7	32.0
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	**186.0**	**186.0**	**43.9**	**229.9**	192.0
	8/26/2024	4-4.5'	In-Situ	<0.050	<0.300	<10.0	**108.0**	**108.0**	**11.4**	**119.4**	128.0
AH-10	8/26/2024	**0-1"**	**In-Situ**	**<0.050**	**<0.300**	**<10.0**	**773.0**	**773.0**	**215.0**	**988.0**	**784.0**
	8/26/2024	**1-1.5'**	**In-Situ**	**<0.050**	**<0.300**	**<10.0**	**198.0**	**198.0**	**52.0**	**250.0**	**256.0**
	8/26/2024	**2-2.5'**	**In-Situ**	**<0.050**	**<0.300**	**<10.0**	**117.0**	**117.0**	**38.7**	**155.7**	**144.0**
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	0.0	<10.0	0.0	32.0
	8/26/2024	**4-4.5'**	**In-Situ**	**<0.050**	**<0.300**	**<10.1**	**541.0**	**541.0**	**268.0**	**809.0**	**176.0**
AH-11	8/26/2024	0-1"	**In-Situ**	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/26/2024	1-1.5'	**In-Situ**	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/26/2024	2-2.5'	**In-Situ**	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/26/2024	4-4.5'	**In-Situ**	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
AH-12	8/26/2024	0-1"	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112.0
	8/26/2024	1-1.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
	8/26/2024	2-2.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
	8/26/2024	3-3.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160.0
	8/26/2024	4-4.5'	In-Situ	<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	112.0

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TABLE 1

Summary of Soil Sample Laboratory Analytical Results

ET Gathering & Processing

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
H-1	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	96.0
H-2	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	48.0
H-3	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	32.0
H-4	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	96
H-5	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	16.0
H-6	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	<16.0
H-7	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	<16.0
H-8	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	16.0
H-9	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	48.0
H-10	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	128.0
H-11	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	128.0
H-12	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	32.0
H-13	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	16.0
H-14	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	<16.0
H-15	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	<16.0
H-16	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	112.0
H-17	8/22/24	0-1'		<0.050	<0.300	<10.0	20.4	<10.0	<10.0	<10.0	64.0

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TABLE 1

PRECISION GROUP

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ET Gathering & Processing

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
BH1-1	10/8/2024	1'		<0.050	<0.300	<10.0	12.2	12.2	<10.0	12.2	224
	10/8/2024	2'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256.0
	10/8/2024	3'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112.0
	10/8/2024	4'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112.0
	10/8/2024	5'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	6'		<0.050	<0.300	<10.0	10.7	10.7	<10.0	10.7	112.0
BH-2	10/8/2024	1'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	2'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	10/8/2024	3'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	4'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	5'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	10/8/2024	6'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH-3	10/8/2024	1'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
	10/8/2024	2'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
	10/8/2024	3'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	4'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
	10/8/2024	5'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	6'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH-4	10/8/2024	1"		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
	10/8/2024	2'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
	10/8/2024	3'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112.0
	10/8/2024	4'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	10/8/2024	5'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	10/8/2024	6'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH-11	10/8/2024	0-1"		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	1-1.5'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	2-2.5'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	3-3.5'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/8/2024	4-4.5'		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

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TABLE 1

Summary of Soil Sample Laboratory Analytical Results

ET Gathering & Processing

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
Tetra Tech Final Samples											
BH-1	12/9/2024	4.0	Ex-Situ	<0.050	<0.300	<10.0	112.0	112.0	<10.0	112.0	208.0
BH-2	12/9/2024	4.5	Ex-Situ	<0.050	<0.300	<10.0	88.5	88.5	23.0	111.5	320.0
BH-3	12/9/2024	4.5	Ex-Situ	<0.050	<0.300	<10.0	246.0	246.0	86.3	332.3	112.0
BH-4	12/9/2024	4.5	Ex-Situ	<0.050	<0.300	<10.0	222.0	222.0	<10.0	80.4	112.0
BH-5	12/9/2024	4.5	Ex-Situ	<0.050	<0.300	<10.0	112.0	112.0	30.7	142.7	208.0
BH-6	12/9/2024	4.5	Ex-Situ	<0.050	<0.300	<10.0	53.5	53.5	10.6	64.1	176.0
BH-7	12/9/2024	4.5	Ex-Situ	<0.050	<0.300	<10.0	379.0	379.0	138.0	517.0	128.0
BH-8	12/9/2024	4.5	Ex-Situ	<0.050	<0.300	<10.0	385.0	385.0	132.0	517.0	176.0
BH-9	12/9/2024	4.5	Ex-Situ	<0.050	<0.300	<10.0	29.9	29.9	18.3	48.2	224.0
BH-10	12/9/2024	4.5	Ex-Situ	<0.050	<0.300	<10.0	347.0	347.0	152.0	499.0	160.0
BH-11	12/9/2024	4.0	Ex-Situ	<0.050	<0.300	<10.0	489.0	489.0	216.0	705.0	176.0
BH-12	12/9/2024	3.5	Ex-Situ	<0.050	<0.300	<10.0	11.4	11.4	13.5	24.9	128.0
BH-13	12/9/2024	**3.5**	Ex-Situ	<0.050	<0.300	<10.0	111.0	111.0	50.9	**161.9**	208.0
BH -13 B	**4/23/25**	**4.2'**	**Ex-Situ**	**<0.050**	**<0.300**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**32.0**
BH-14	12/9/2024	6.5	Ex-Situ	<0.050	<0.300	<10.0	190.0	190.0	89.8	279.8	224.0
BH-15	12/9/2024	5.0	Ex-Situ	<0.050	<0.300	<10.0	239.0	239.0	109.0	348.0	80.0

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ET Gathering & Processing

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
SW-1	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-2	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	94.5	94.5	53.2	**147.7**	192.0
SW (2)8-B	**4/23/25**		**Ex-Situ**	**<0.050**	**<0.300**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**16.0**
SW-3	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	14.5	14.5	<10.0	14.5	160.0
SW-4	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	17.3	17.3	<10.0	17.3	256.0
SW-5	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-6	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	283.0	283.0	128.0	**411.0**	160.0
SW 6-B	**4/23/25**		**Ex-Situ**	**<0.050**	**<0.300**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**16.0**
SW-7	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240.0
SW-8	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	234.0	234.0	125.0	**359.0**	128.0
SW 8-B	**4/23/25**		**Ex-Situ**	**<0.050**	**<0.300**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**32.0**
SW-9	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	327.0	327.0	200.0	**527.0**	192.0
SW 9- B	**4/23/25**		**Ex-Situ**	**<0.050**	**<0.300**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**<10.0**	**32.0**
SW-10	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	105.0	105.0	62.5	**167.5**	208.0
SW 10-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-11	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-12	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	123.0	123.0	<10.0	**123.0**	256.0
SW 12-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-13	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	184.0	184.0	102.0	**286.0**	1280.0
SW 13-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-14	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	110.0	110.0	37.3	**147.3**	176.0
SW 14-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-15	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	59.7	59.7	14.6	74.3	192.0
SW-16	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	189.0	189.0	71.2	260.2	352.0
SW 16- B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-17	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-18	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	107.0	107.0	40.3	147.3	272.0
SW 18-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-19	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	233.0	233.0	101.0	334.0	320.0
SW 19-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-20	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	184.0	184.0	62.1	246.1	176.0
SW 20-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-21	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	196.0	196.0	91.0	287.0	160.0
SW 21-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-22	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	242.0	242.0	107.0	349.0	160.0
SW 22-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-23	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	1080.0	1080.0	432.0	1512.0	192.0
SW 23-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-24	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	174.0	174.0	84.7	258.7	144.0

NOTES:

- = Sample not analyzed for the constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1											
PRECISION GROUP	Summary of Soil Sample Laboratory Analytical Results										
ET Gathering & Processing											
0											
0											
Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
SW 24 -B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-25	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	197.0	197.0	98.3	295.3	144.0
SW 25-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-26	12/9/2024		Ex-Situ	<0.050	<0.300	<10.0	1320.0	1320.0	498.0	1818.0	384.0
SW26-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW 27-B	4/23/25		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BF 1	4/23/25			<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I
Site Photographs

Precision Group Environmental (Geoscience License #50700)
527 NW County Rd • Hobbs, NM 88240 • 432.236-6999 • www.theprecisiongroup.com

Photographs

Photo: 1	Description:

Photo: 2	Description:

Photographs

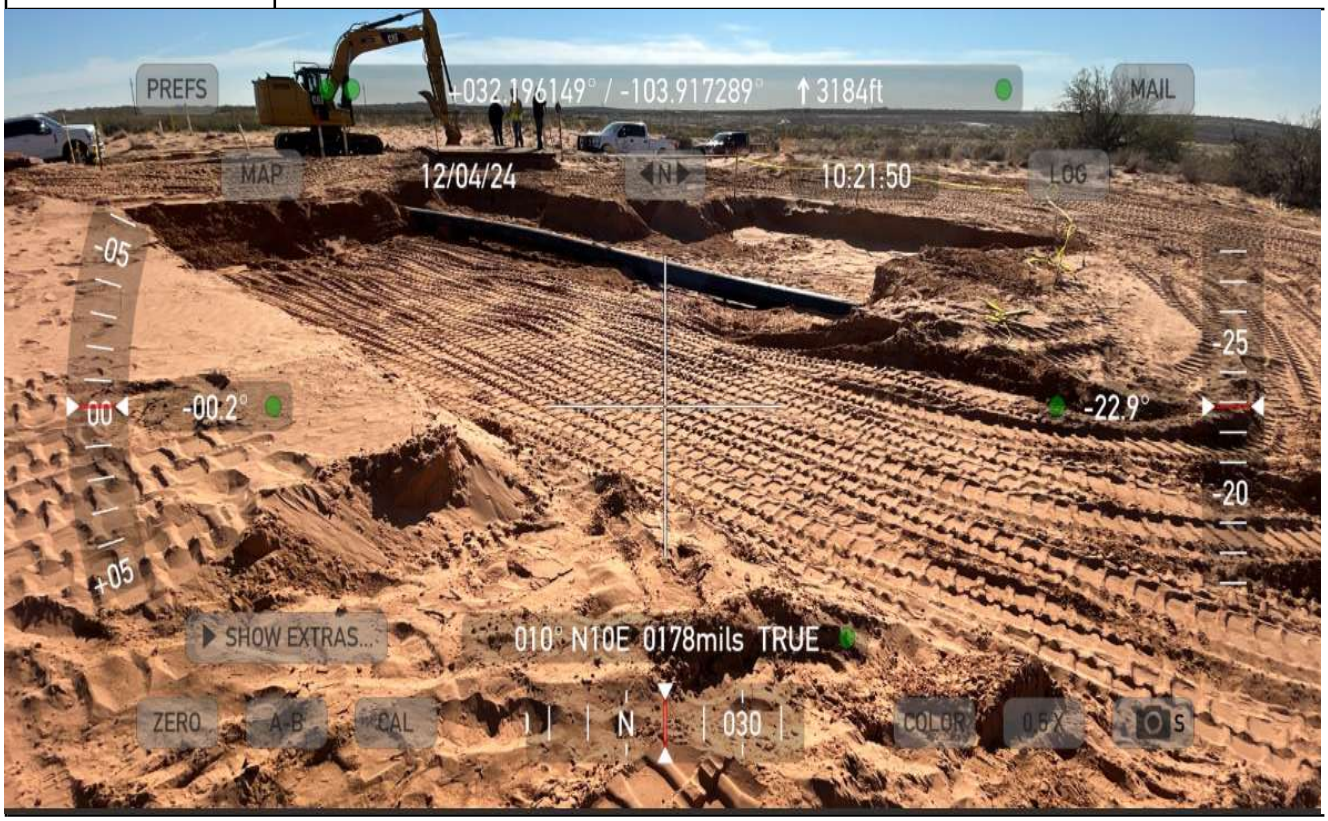
Photo: 3	Description:

Photo: 4	Description:

Photographs

Photo Page

Photo: 5	Description:



Photographs

Photo: 7	Description:

Attachment II
Depth to Groundwater

Precision Group Environmental (Geoscience License #50700)
527 NW County Rd • Hobbs, NM 88240 • 432.236-6999 • www.theprecisiongroup.com

JHawley@H-R-Enterprises.com
PO Box 3641, Hobbs NM 88240
Office: 575-964-8686 Cell: 575-605-3471

Attn: Dean Ericson, ETC

Date: 3/3/25

Poker Lake Release

To whom it may concern, Energy Transfer Co. contracted H&R Enterprises LLC to gauge NMOSE Well file # C-02109 owned by Tyson Mahaffey in Eddy County NM at GPS 32.2027, -103.9164.

Static water level on 3/3/25 was 240' BGS, well was gauged by Licensed rig supervisor Nathan Smelcer working under James Hawley, license #WD-1862, Exp 6/25.

Jim Hawley

President H&R Enterprises, LLC.

575-605-3471

Water Right Summary

Get Imag
get image list

WR File Number: C 02109 **Subbasin:** CUB **Cross Reference:**
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: DCL Declaration
Total Acres: 0.000 **Subfile:** **Header:**
Total Diversion: 3.000 **Cause/Case:**
Owner: TYSON MAHAFFEY **Owner Class:** Owner
Owner: LESLIE MAHAFFEY **Owner Class:** Owner

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2		Transaction Desc.	From/To	Acres	Diversion	Consumptive
Get Images get images	524180	COWNF	2013-03-05	CHG	PRC	C 02109		T	0.000	0.000	
	199339	DCL	1984-06-14	DCL	PRC	C 02109		T	0.000	3.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Twn	Rng	X	Y	Map	Other Location Desc
C 02109			NW	NE	SE	19	24S	30E	602130.0	3563412.4		

*** UTM location was derived from PLSS - see Help**

Place of Use

Q256	Q64	Q16	Q4	Sec	Twn	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							0.000	3.000		STK		DCL	NO PLACE OF USE GIVEN.

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0.000	3.000		STK		GW	

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.

3/3/25 3:43 PM MST Water Rights Summary

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New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02109		CUB	ED	1	2	4	19	24S	30E	602130	3563412	660	130	150	-20

Average Depth to Water: **150 feet**

Minimum Depth: **150 feet**

Maximum Depth: **150 feet**

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 602118 **Northing (Y):** 3562751.78 **Radius:** 805

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.

9/15/20 9:49 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

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USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

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- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321205103544701

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321205103544701 24S.30E.19.42113

Eddy County, New Mexico
Latitude 32°12'05", Longitude 103°54'47" NAD27
Land-surface elevation 3,188 feet above NAVD88
The depth of the well is 452 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1958-10-24		D	62610		2958.66	NGVD29	1	Z		
1958-10-24		D	62611		2960.30	NAVD88	1	Z		
1958-10-24		D	72019	227.70			1	Z		
1959-03-19		D	62610		2958.61	NGVD29	1	Z		
1959-03-19		D	62611		2960.25	NAVD88	1	Z		
1959-03-19		D	72019	227.75			1	Z		
1975-12-10		D	62610		2954.58	NGVD29	1	Z		
1975-12-10		D	62611		2956.22	NAVD88	1	Z		
1975-12-10		D	72019	231.78			1	Z		
1976-01-16		D	62610		2949.10	NGVD29	1	Z		
1976-01-16		D	62611		2950.74	NAVD88	1	Z		
1976-01-16		D	72019	237.26			1	Z		
1976-12-01		D	62610		2955.63	NGVD29	1	Z		
1976-12-01		D	62611		2957.27	NAVD88	1	Z		
1976-12-01		D	72019	230.73			1	Z		
1977-01-14		D	62610		2955.74	NGVD29	1	Z		
1977-01-14		D	62611		2957.38	NAVD88	1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1977-01-14		D	72019	230.62			1	Z		
1983-02-01		D	62610		2950.43	NGVD29	1	Z		
1983-02-01		D	62611		2952.07	NAVD88	1	Z		
1983-02-01		D	72019	235.93			1	Z		
1987-10-15		D	62610		2953.06	NGVD29	1	S		
1987-10-15		D	62611		2954.70	NAVD88	1	S		
1987-10-15		D	72019	233.30			1	S		
1998-01-27		D	62610		2955.34	NGVD29	1	S		
1998-01-27		D	62611		2956.98	NAVD88	1	S		
1998-01-27		D	72019	231.02			1	S		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Page Last Modified: 2024-07-24 14:09:35 EDT
0.33 0.29 nadww01

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 02109	1	2	4	19	24S	30E	602130	3563412

Driller License: **Driller Company:**

Driller Name: UNKNOWN

Drill Start Date:		**Drill Finish Date:**	12/31/1963	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	40 GPM
Casing Size:	7.00	**Depth Well:**	130 feet	**Depth Water:**	150 feet

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.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DII DEC 21 2022 PM3:14

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
C-04676 POD 1		C-04676

WELL OWNER NAME(S)	PHONE (OPTIONAL)
XTO ENERGY INC	575-200-0729

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
3104 E GREENE ST	CARLSBAD	NM	88220

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	12	32.66	N
	LONGITUDE	-103	54	50.95	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

POKER LAKE UNIT # 231

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1184	RUSSELL SOUTHERLAND	WEST TEXAS WATER WELL SERVICE

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
11/22/22	11/22/22	120		

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
			NO CASING IN HOLE				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-04676	POD NO. 1	TRN NO. 736286
LOCATION 24S.30E.19.1.2.2	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	1		CALICHIE PAD	Y ✔ N	
1	120		RED SAND	Y ✔ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: DRY HOLE

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

OSE DII DEC 21 2022 PM3:14

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

RUSSELL SOUTHERLAND

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

RUSSELL SOUTHERLAND — 11/22/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. C-04676	POD NO. 1	TRN NO. 736286
LOCATION 24S.30E.19.1.2.2.	WELL TAG ID NO.	PAGE 2 OF 2

Released to Imaging: 7/17/2025 2:46:57 PM

Received by OCD: 6/6/2025 9:13:26 AM

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Page 42 of 233

Attachment IV
Laboratory Analytical Reports

CARDINAL Laboratories

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

August 30, 2024

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: POKER LAKE

Enclosed are the results of analyses for samples received by the laboratory on 08/26/24 16:07.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 2 (0-1') (H245182-01)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.25	112	2.00	1.92	
Toluene*	<0.050	0.050	08/27/2024	ND	2.31	115	2.00	1.63	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.31	116	2.00	1.00	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.03	117	6.00	1.01	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/27/2024	ND	448	112	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	198	99.2	200	6.50	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	188	94.1	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *91.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *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

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 2 (1-1.5') (H245182-02)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.25	112	2.00	1.92	
Toluene*	<0.050	0.050	08/27/2024	ND	2.31	115	2.00	1.63	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.31	116	2.00	1.00	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.03	117	6.00	1.01	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2024	ND	448	112	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	198	99.2	200	6.50	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	188	94.1	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *99.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 2 (2-2.5') (H245182-03)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.25	112	2.00	1.92	
Toluene*	<0.050	0.050	08/27/2024	ND	2.31	115	2.00	1.63	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.31	116	2.00	1.00	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.03	117	6.00	1.01	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/27/2024	ND	448	112	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	198	99.2	200	6.50	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	188	94.1	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *97.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 2 (3-3.5') (H245182-04)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.25	112	2.00	1.92	
Toluene*	<0.050	0.050	08/27/2024	ND	2.31	115	2.00	1.63	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.31	116	2.00	1.00	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.03	117	6.00	1.01	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2024	ND	448	112	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	198	99.2	200	6.50	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	188	94.1	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *90.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 2 (4-4.5') (H245182-05)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.25	112	2.00	1.92	
Toluene*	<0.050	0.050	08/27/2024	ND	2.31	115	2.00	1.63	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.31	116	2.00	1.00	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.03	117	6.00	1.01	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/27/2024	ND	448	112	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *99.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 3 (0-1') (H245182-06)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.25	112	2.00	1.92	
Toluene*	<0.050	0.050	08/27/2024	ND	2.31	115	2.00	1.63	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.31	116	2.00	1.00	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.03	117	6.00	1.01	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4400**	16.0	08/27/2024	ND	448	112	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS** **S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**39.4**	10.0	08/28/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**5630**	10.0	08/28/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	**1190**	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *160 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 3 (1-1.5') (H245182-07)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/27/2024	ND	448	112	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *96.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 3 (2-2.5') (H245182-08)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**28.5**	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 3 (3-3.5') (H245182-09)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**215**	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	**42.2**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *134 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 3 (4-4.5') (H245182-10)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**17.0**	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *97.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 4 (0-1') (H245182-11)

BTEX 8021B mg/kg **Analyzed By: JH** **S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/28/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	**0.282**	0.050	08/28/2024	ND	2.02	101	2.00	1.55	GC-NC1
Total Xylenes*	**4.80**	0.150	08/28/2024	ND	5.99	99.8	6.00	1.60	GC-NC1
Total BTEX	**5.08**	0.300	08/28/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *216 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4720**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS** **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**706**	50.0	08/28/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**9100**	50.0	08/28/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	**1770**	50.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane *276 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *186 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 4 (1-1.5') (H245182-12)

BTEX 8021B **mg/kg** **Analyzed By: JH** **S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/28/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	**0.275**	0.050	08/28/2024	ND	2.02	101	2.00	1.55	GC-NC1
Total Xylenes*	**3.52**	0.150	08/28/2024	ND	5.99	99.8	6.00	1.60	GC-NC1
Total BTEX	**3.80**	0.300	08/28/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *197 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4800**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M **mg/kg** **Analyzed By: MS** **S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**616**	10.0	08/28/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**8970**	10.0	08/28/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	**1500**	10.0	08/28/2024	ND					

Surrogate: 1-Chlorooctane *236 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *178 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 4 (2-2.5') (H245182-13)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.3 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5280**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**12.4**	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**945**	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	**201**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *135 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 4 (3-3.5') (H245182-14)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3120**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 4 (4-4.5') (H245182-15)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1880**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**104**	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	**18.6**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *127 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 5 (0-1') (H245182-16)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 5 (1-1.5') (H245182-17)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *95.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 5 (2-2.5') (H245182-18)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *97.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 5 (3-3.5') (H245182-19)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *97.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 5 (4-4.5') (H245182-20)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *96.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 6 (0-1') (H245182-21)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.4 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3760**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M **mg/kg** **Analyzed By: MS** **S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**759**	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	**176**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *151 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 6 (1-1.5') (H245182-22)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2200**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**703**	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	**182**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *130 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 6 (2-2.5') (H245182-23)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.7 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1580**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**47.4**	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	**18.5**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *81.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.1 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 6 (3-3.5') (H245182-24)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.3	200	3.33	
DRO >C10-C28*	**29.6**	10.0	08/27/2024	ND	195	97.5	200	4.21	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *87.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 6 (4-4.5') (H245182-25)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *75.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.4 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 7 (0-1') (H245182-26)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.03	102	2.00	1.23	
Toluene*	<0.050	0.050	08/27/2024	ND	1.96	98.1	2.00	0.943	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	1.55	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.99	99.8	6.00	1.60	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *76.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.3 %* *49.1-148*

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MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 7 (1-1.5') (H245182-27)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/28/2024	ND	432	108	400	3.64	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**22.7**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *74.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.7 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 7 (2-2.5') (H245182-28)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**10.6**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *67.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *70.0 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 7 (3-3.5') (H245182-29)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**82.5**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	**23.5**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *69.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.3 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 7 (4-4.5') (H245182-30)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**129**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	**44.4**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *75.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.2 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 8 (0-1') (H245182-31)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *73.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.3 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 8 (1-1.5') (H245182-32)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *73.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 8 (2-2.5') (H245182-33)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *71.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.2 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 8 (3-3.5') (H245182-34)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *71.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.0 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 8 (4-4.5') (H245182-35)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**20.4**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *66.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.5 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 9 (0-1') (H245182-36)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**624**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**255**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	**74.7**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *69.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.0 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 9 (1-1.5') (H245182-37)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**173**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	**37.8**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *77.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.5 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 9 (2-2.5') (H245182-38)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**21.7**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *75.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.7 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 9 (3-3.5') (H245182-39)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**186**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	**43.9**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *77.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.9 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 9 (4-4.5') (H245182-40)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**108**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	**11.4**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *74.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.0 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 10 (0-1') (H245182-41)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**784**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**773**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	**215**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *75.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.1 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 10 (1-1.5') (H245182-42)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**198**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	**52.0**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *75.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.1 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 10 (2-2.5') (H245182-43)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	**117**	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	**38.7**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *66.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.5 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 10 (3-3.5') (H245182-44)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	197	98.4	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	183	91.5	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *69.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.6 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 10 (4-4.5') (H245182-45)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	**541**	10.0	08/27/2024	ND	200	99.8	200	2.08	QM-07
EXT DRO >C28-C36	**268**	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *83.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 11 (0-1') (H245182-46)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.21	110	2.00	0.830	
Toluene*	<0.050	0.050	08/27/2024	ND	2.30	115	2.00	0.336	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.36	118	2.00	2.35	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	7.04	117	6.00	2.46	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *84.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 11 (1-1.5') (H245182-47)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.86	92.9	2.00	3.37	
Toluene*	<0.050	0.050	08/27/2024	ND	1.80	89.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	1.85	92.6	2.00	4.69	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.52	92.0	6.00	4.78	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *86.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 11 (2-2.5') (H245182-48)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.86	92.9	2.00	3.37	
Toluene*	<0.050	0.050	08/27/2024	ND	1.80	89.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	1.85	92.6	2.00	4.69	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.52	92.0	6.00	4.78	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/28/2024	ND	464	116	400	10.9	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *85.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 11 (3-3.5') (H245182-49)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.86	92.9	2.00	3.37	
Toluene*	<0.050	0.050	08/27/2024	ND	1.80	89.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	1.85	92.6	2.00	4.69	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.52	92.0	6.00	4.78	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/28/2024	ND	464	116	400	10.9	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *76.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 11 (4-4.5') (H245182-50)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.86	92.9	2.00	3.37	
Toluene*	<0.050	0.050	08/27/2024	ND	1.80	89.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	1.85	92.6	2.00	4.69	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.52	92.0	6.00	4.78	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/28/2024	ND	464	116	400	10.9	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *84.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 12 (0-1') (H245182-51)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.86	92.9	2.00	3.37	
Toluene*	<0.050	0.050	08/27/2024	ND	1.80	89.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	1.85	92.6	2.00	4.69	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.52	92.0	6.00	4.78	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/28/2024	ND	464	116	400	10.9	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *82.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 12 (1-1.5') (H245182-52)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.86	92.9	2.00	3.37	
Toluene*	<0.050	0.050	08/27/2024	ND	1.80	89.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	1.85	92.6	2.00	4.69	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.52	92.0	6.00	4.78	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.6 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/28/2024	ND	464	116	400	10.9	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *85.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 12 (2-2.5') (H245182-53)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.86	92.9	2.00	3.37	
Toluene*	<0.050	0.050	08/27/2024	ND	1.80	89.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	1.85	92.6	2.00	4.69	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.52	92.0	6.00	4.78	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/28/2024	ND	464	116	400	10.9	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *75.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 12 (3-3.5') (H245182-54)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.86	92.9	2.00	3.37	
Toluene*	<0.050	0.050	08/27/2024	ND	1.80	89.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	1.85	92.6	2.00	4.69	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.52	92.0	6.00	4.78	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	08/28/2024	ND	464	116	400	10.9	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *78.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: AH - 12 (4-4.5') (H245182-55)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.86	92.9	2.00	3.37	
Toluene*	<0.050	0.050	08/27/2024	ND	1.80	89.8	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	1.85	92.6	2.00	4.69	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	5.52	92.0	6.00	4.78	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.6 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/28/2024	ND	464	116	400	10.9	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.190	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	200	99.8	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane *78.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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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

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Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: Energy Transfer	Site Manager: Brittany Long
Project Name: Poker Lake	
Project Location: Eddy County, NM	Project #: 212c-md-03594
Invoice to: attn: Dean Ericson	
Receiving Laboratory: Cardinal Labs	Sampler Signature: William Erlendson
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

H245182 LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR:)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE ✓	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 4500	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
1	AH-2 (0-1')	8/26/2024			X				X				X		X												X								
2	AH-2 (1-1.5')	8/26/2024			X				X				X		X												X								
3	AH-2 (2-2.5')	8/26/2024			X				X				X		X												X								
4	AH-2 (3-3.5')	8/26/2024			X				X				X		X												X								
5	AH-2 (4-4.5')	8/26/2024			X				X				X		X												X								
6	AH-3 (0-1')	8/26/2024			X				X				X		X												X								
7	AH-3 (1-1.5')	8/26/2024			X				X				X		X												X								
8	AH-3 (2-2.5')	8/26/2024			X				X				X		X												X								
9	AH-3 (3-3.5')	8/26/2024			X				X				X		X												X								
10	AH-3 (4-4.5')	8/26/2024			X				X				X		X												X								

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	8/26/24	16:10	[signature]	8-26-24	1607
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
1.7°C
1.1°C
#140

REMARKS:

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

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Analysis Request of Chain of Custody Record

Page 2 of 6

Tetra Tech, Inc.

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

Client Name: Energy Transfer	Site Manager: Brittany Long
Project Name: Poker Lake	
Project Location: Eddy County, NM	Project #: 212c-md-03594
Invoice to: attn: Dean Ericson	
Receiving Laboratory: Cardinal Labs	Sampler Signature: William Erlendson
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

H245587 LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE			# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 4500	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
11	AH-4 (0-1')	8/26/2024			X				X					X		X												X							
12	AH-4 (1-1.5')	8/26/2024			X				X					X		X												X							
13	AH-4 (2-2.5')	8/26/2024			X				X					X		X												X							
14	AH-4 (3-3.5')	8/26/2024			X				X					X		X												X							
15	AH-4 (4-4.5')	8/26/2024			X				X					X		X												X							
16	AH-5 (0-1')	8/26/2024			X				X					X		X												X							
17	AH-5 (1-1.5')	8/26/2024			X				X					X		X												X							
18	AH-5 (2-2.5')	8/26/2024			X				X					X		X												X							
19	AH-5 (3-3.5')	8/26/2024			X				X					X		X												X							
20	AH-5 (4-4.5')	8/26/2024			X				X					X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	8/26/24	16:10	[signature]	8.26.24	1607
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
1.7°C
1.1°C
#140

REMARKS:

- [ ] RUSH: Same Day 24 hr 48 hr 72 hr ✓
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: Energy Transfer	Site Manager: Brittany Long
Project Name: Poker Lake	
Project Location: Eddy County, NM	Project #: 212c-md-03594
Invoice to: attn: Dean Ericson	
Receiving Laboratory: Cardinal Labs	Sampler Signature: William Erlendson
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

H245182 LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR:)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE HCL	PRESERVATIVE HNO_3	PRESERVATIVE ICE ✓	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 4500	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
21	AH-6 (0-1')	8/26/2024			X			X			X		X												X							
22	AH-6 (1-1.5')	8/26/2024			X			X			X		X												X							
23	AH-6 (2-2.5')	8/26/2024			X			X			X		X												X							
24	AH-6 (3-3.5')	8/26/2024			X			X			X		X												X							
25	AH-6 (4-4.5')	8/26/2024			X			X			X		X												X							
26	AH-7 (0-1')	8/26/2024			X			X			X		X												X							
27	AH-7 (1-1.5')	8/26/2024			X			X			X		X												X							
28	AH-7 (2-2.5')	8/26/2024			X			X			X		X												X							
29	AH-7 (3-3.5')	8/26/2024			X			X			X		X												X							
30	AH-7 (4-4.5')	8/26/2024			X			X			X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	8/26/24	16:10	[signature]	8.26.24	1607
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
1.7°C / C-0.60
1.1°C #100

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: Energy Transfer	Site Manager: Brittany Long
Project Name: Poker Lake	
Project Location: Eddy County, NM	Project #: 212c-md-03594
Invoice to: attn: Dean Ericson	
Receiving Laboratory: Cardinal Labs	Sampler Signature: William Erlendson
Comments:	

ANALYSIS REQUEST (Circle or Specify Method No.)

H245182 LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL		PRESERVATIVE METHOD HCL	HNO3	ICE ✓			# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 4500	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
31	AH-8 (0-1')	8/26/2024			X				X					X		X												X							
32	AH-8 (1-1.5')	8/26/2024			X				X					X		X												X							
33	AH-8 (2-2.5')	8/26/2024			X				X					X		X												X							
34	AH-8 (3-3.5')	8/26/2024			X				X					X		X												X							
35	AH-8 (4-4.5')	8/26/2024			X				X					X		X												X							
36	AH-9 (0-1')	8/26/2024			X				X					X		X												X							
37	AH-9 (1-1.5')	8/26/2024			X				X					X		X												X							
38	AH-9 (2-2.5')	8/26/2024			X				X					X		X												X							
39	AH-9 (3-3.5')	8/26/2024			X				X					X		X												X							
40	AH-9 (4-4.5')	8/26/2024			X				X					X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	8/26/24	16:10	[signature]	8/26/24	1607
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature
1.7°C/0.0°C
1.1°C #140

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: Energy Transfer	Site Manager: Brittany Long
Project Name: Poker Lake	
Project Location: Eddy County, NM	Project #: 212c-md-03594
Invoice to: attn: Dean Ericson	
Receiving Laboratory: Cardinal Labs	Sampler Signature: William Erlendson
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR:)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE ✓			# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 4500	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
124582																																			
42	AH-10 (0-1')	8/26/2024			X				X					X		X												X							
43	AH-10 (1-1.5')	8/26/2024			X				X					X		X												X							
43	AH-10 (2-2.5')	8/26/2024			X				X					X		X												X							
44	AH-10 (3-3.5')	8/26/2024			X				X					X		X												X							
45	AH-10 (4-4.5')	8/26/2024			X				X					X		X												X							
46	AH-11 (0-1')	8/26/2024			X				X					X		X												X							
47	AH11 (1-1.5')	8/26/2024			X				X					X		X												X							
48	AH-11 (2-2.5')	8/26/2024			X				X					X		X												X							
49	AH-11 (3-3.5')	8/26/2024			X				X					X		X												X							
50	AH-11 (4-4.5')	8/26/2024			X				X					X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[illegible]	8/26/24	16:10	[illegible]	8.26.24	
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
1.7 / 6.0 / 6
1.1 / #140

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Received by OCD: 6/6/2025 9:13:26 AM

Released to Imaging: 7/17/2025 2:46:57 PM

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: Energy Transfer	Site Manager: Brittany Long
Project Name: Poker Lake	
Project Location: Eddy County, NM	Project #: 212c-md-03594
Invoice to: attn: Dean Ericson	
Receiving Laboratory: Cardinal Labs	Sampler Signature: William Erlendson
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

H245182 LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE HCL	PRESERVATIVE HNO_3	PRESERVATIVE ICE ✓	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B / BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 4500	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
51	AH-12 (0-1')	8/26/2024			X			X			X		X												X				
52	AH-12 (1-1.5')	8/26/2024			X			X			X		X												X				
53	AH-12 (2-2.5')	8/26/2024			X			X			X		X												X				
54	AH-12 (3-3.5')	8/26/2024			X			X			X		X												X				
55	AH-12 (4-4.5')	8/26/2024			X			X			X		X												X				

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[illegible]	8/26/24	16:10	[illegible]	8.26.24	1607
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
1.7 C | 0.0 C
1.1 C #NO

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Received by OCD: 6/6/2025 9:13:26 AM

Released to Imaging: 7/17/2025 2:46:57 PM

CARDINAL Laboratories

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

August 29, 2024

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ETC POKER LAKE

Enclosed are the results of analyses for samples received by the laboratory on 08/23/24 14:40.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 1 (0-1') (H245158-01)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/26/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 2 (0-1') (H245158-02)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/26/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 3 (0-1') (H245158-03)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/26/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 4 (0-1') (H245158-04)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/26/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *94.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 5 (0-1') (H245158-05)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/26/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *90.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 6 (0-1') (H245158-06)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/26/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 7 (0-1') (H245158-07)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/26/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 8 (0-1') (H245158-08)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/26/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *89.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 9 (0-1') (H245158-09)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/27/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *92.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 10 (0-1') (H245158-10)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/27/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *79.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 11 (0-1') (H245158-11)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/27/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *77.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.8 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 12 (0-1') (H245158-12)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/27/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *87.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 13 (0-1') (H245158-13)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	7.76	
Toluene*	<0.050	0.050	08/27/2024	ND	2.10	105	2.00	11.7	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.14	107	2.00	14.2	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.47	108	6.00	14.6	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *89.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 14 (0-1') (H245158-14)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.25	113	2.00	2.18	
Toluene*	<0.050	0.050	08/26/2024	ND	2.33	116	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.33	117	2.00	2.00	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	7.08	118	6.00	1.83	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *89.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 15 (0-1') (H245158-15)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.25	113	2.00	2.18	
Toluene*	<0.050	0.050	08/26/2024	ND	2.33	116	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.33	117	2.00	2.00	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	7.08	118	6.00	1.83	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *77.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 16 (0-1') (H245158-16)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.25	113	2.00	2.18	
Toluene*	<0.050	0.050	08/26/2024	ND	2.33	116	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.33	117	2.00	2.00	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	7.08	118	6.00	1.83	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *82.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: H - 17 (0-1') (H245158-17)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.25	113	2.00	2.18	
Toluene*	<0.050	0.050	08/26/2024	ND	2.33	116	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.33	117	2.00	2.00	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	7.08	118	6.00	1.83	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/26/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *83.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: AH - 1 (0-1') (H245158-18)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.25	113	2.00	2.18	
Toluene*	<0.050	0.050	08/26/2024	ND	2.33	116	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.33	117	2.00	2.00	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	7.08	118	6.00	1.83	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/27/2024	ND	464	116	400	3.51	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	**11.1**	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *83.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: AH - 1 (1-1.5') (H245158-19)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.25	113	2.00	2.18	
Toluene*	<0.050	0.050	08/26/2024	ND	2.33	116	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.33	117	2.00	2.00	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	7.08	118	6.00	1.83	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/27/2024	ND	464	116	400	3.51	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *79.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.1 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: AH - 1 (2-2.5') (H245158-20)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.25	113	2.00	2.18	
Toluene*	<0.050	0.050	08/26/2024	ND	2.33	116	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.33	117	2.00	2.00	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	7.08	118	6.00	1.83	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2024	ND	464	116	400	3.51	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *80.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: AH - 1 (3-3.5') (H245158-21)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.25	113	2.00	2.18	
Toluene*	<0.050	0.050	08/26/2024	ND	2.33	116	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.33	117	2.00	2.00	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	7.08	118	6.00	1.83	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/27/2024	ND	464	116	400	3.51	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *82.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	ETC POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: AH - 1 (4-4.5') (H245158-22)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.25	113	2.00	2.18	
Toluene*	<0.050	0.050	08/26/2024	ND	2.33	116	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.33	117	2.00	2.00	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	7.08	118	6.00	1.83	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/27/2024	ND	464	116	400	3.51	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	1.12	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	197	98.6	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane *85.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

1/3

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech	**BILL TO**
Project Manager: Brittany Long	P.O. #:
Address:	Company: Energy Transfer
City: State: Zip:	Attn: Dean Ericson
Phone #: Fax #:	Address:
Project #: 212c-MD-03594 Project Owner:	City:
Project Name: ETC Poker Lake	State: Zip:
Project Location: Eddy County, NM	Phone #:
Sampler Name: William Eilenkr	Fax #:

ANALYSIS REQUEST: Chloride, BTEX, TPH

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL ✓	OTHER:	SAMPLING: DATE	TIME
H245158 1	H-1 (0-1')					✓					✓		8/22/24	
2	H-2													
3	H-3													
4	H-4													
5	H-5													
6	H-6													
7	H-7													
8	H-8													
9	H-9													
10	H-10													

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Relinquished By:	Date: 8/23/24	Received By:
[signature]	Time: 14:40	[signature]
Relinquished By:	Date:	Received By:
	Time:	

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS: Dean said he will call with WSB #
WE

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C 8.1C
Corrected Temp. °C 2.5C

Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No

CHECKED BY: (Initials) AP

Turnaround Time: Standard ☑ Rush ☐

Thermometer ID #140
Correction Factor -0.6°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.3 08/05/24

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Received by OCD: 6/6/2025 9:13:26 AM

Released to Imaging: 7/17/2025 2:46:57 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech	**BILL TO**
Project Manager: Brittany Long	P.O. #:
Address:	Company: Energy Transfer
City: State: Zip:	Attn: Dean Ericson
Phone #: Fax #:	Address:
Project #: 212C-MD-03594 Project Owner:	City:
Project Name: ETC Poker Lake	State: Zip:
Project Location: Eddy County, NM	Phone #:
Sampler Name: William Erlendson	Fax #:

ANALYSIS REQUEST: Chloride, BTEX, TPH

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME
H245158														
11	H-11 (0-1')					✓					✓		8/22/24	
12	H-12					✓					✓			
13	H-13					✓					✓			
14	H-14					✓					✓			
15	H-15					✓					✓			
16	H-16					✓					✓			
17	H-17					✓					✓			

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Relinquished By: [signature]	Date: 8/23/24 Time: 14:40	Received By: [signature]	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Time:	Received By:	REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.1°C Corrected Temp. °C 2.5°C	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials) AD	Turnaround Time: Standard ☑ Rush ☐ Thermometer ID #140 Correction Factor -0.6°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-000 R 3.3 08/05/24

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Received by OCD: 6/6/2025 9:13:26 AM

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech	**BILL TO**
Project Manager: Brittany Long	P.O. #:
Address:	Company: Energy Transfer
City: State: Zip:	Attn: Dean Ericson
Phone #: Fax #:	Address:
Project #: 212C-MD-03594 Project Owner:	City:
Project Name: ETC Poker Lake	State: Zip:
Project Location: Eddy County, NM	Phone #:
Sampler Name: [illegible]	Fax #:

ANALYSIS REQUEST: Chloride, BTEX, TPH

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE	TIME
H245158														
18	AH-1 (0-1')					e					e		8/22/24	
19	AH-1 (1-1.5)													
20	AH-1 (2-2.5')													
21	AH-1 (3-3.5')													
22	AH-1 (4-4.5)													

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Relinquished By: [signature]	Date: 8/23/24 Time: 14:40	Received By: [signature]	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Time:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.1°C Corrected Temp. °C 2.5°C	Sample Condition Cool ☑ Yes ☐ No Intact ☐ Yes ☐ No	CHECKED BY: (Initials) RP
Turnaround Time: Standard ☑ Rush ☐ Thermometer ID #140 Correction Factor -0.6°C	Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C		

FORM-006 R 3.5 08/03/24

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CARDINAL Laboratories

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

October 14, 2024

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ETC 2 POKER LAKE UNIT 49 TO 1

Enclosed are the results of analyses for samples received by the laboratory on 10/09/24 9:20.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (1') (H246133-01)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	208	104	200	2.22	
DRO >C10-C28*	**12.2**	10.0	10/09/2024	ND	194	96.8	200	0.964	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (2') (H246133-02)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	208	104	200	2.22	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	194	96.8	200	0.964	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (3') (H246133-03)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *96.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (4') (H246133-04)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *88.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (5') (H246133-05)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 1 (6') (H246133-06)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	**10.7**	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *93.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 2 (1') (H246133-07)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *98.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 2 (2') (H246133-08)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *91.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.8 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 2 (3') (H246133-09)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *94.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 2 (4') (H246133-10)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *86.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 2 (5') (H246133-11)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *83.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.4 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 2 (6') (H246133-12)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *87.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.4 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 3 (1') (H246133-13)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *95.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 3 (2') (H246133-14)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *77.5-125*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *97.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 3 (3') (H246133-15)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/09/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *96.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 3 (4') (H246133-16)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *77.5-125*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/09/2024	ND	416	104	400	3.77	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 3 (5') (H246133-17)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *96.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 3 (6') (H246133-18)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *95.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 4 (1') (H246133-19)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	5.51	
Toluene*	<0.050	0.050	10/09/2024	ND	2.15	108	2.00	6.43	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.20	110	2.00	6.61	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.59	110	6.00	6.03	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *94.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 4 (2') (H246133-20)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	10/09/2024	ND	2.14	107	2.00	2.40	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.13	107	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.36	106	6.00	3.52	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *91.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 4 (3') (H246133-21)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	10/09/2024	ND	2.14	107	2.00	2.40	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.13	107	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.36	106	6.00	3.52	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	10/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *94.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 4 (4') (H246133-22)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	10/09/2024	ND	2.14	107	2.00	2.40	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.13	107	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.36	106	6.00	3.52	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *77.5-125*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/09/2024	ND	416	104	400	3.77	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	198	99.2	200	0.00504	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	205	103	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *91.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 4 (5') (H246133-23)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	10/09/2024	ND	2.14	107	2.00	2.40	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.13	107	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.36	106	6.00	3.52	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	10/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: ms**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	230	115	200	3.83	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	224	112	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *87.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/09/2024	Sampling Date:	10/08/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	ETC 2 POKER LAKE UNIT 49 TO 1	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03594	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: BH - 4 (6') (H246133-24)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2024	ND	2.11	106	2.00	2.19	
Toluene*	<0.050	0.050	10/09/2024	ND	2.14	107	2.00	2.40	
Ethylbenzene*	<0.050	0.050	10/09/2024	ND	2.13	107	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/09/2024	ND	6.36	106	6.00	3.52	
Total BTEX	<0.300	0.300	10/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *77.5-125*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: ms**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2024	ND	230	115	200	3.83	
DRO >C10-C28*	<10.0	10.0	10/09/2024	ND	224	112	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	10/09/2024	ND					

Surrogate: 1-Chlorooctane *94.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	Energy Transfer	Site Manager:	Brittany Long
Project Name:	ETC 2 Poker Lake Unit 49 to 1		(432) 741-5813 Brittany.long@tetratech.com
Project Location: (county, state)	Eddy County, NM	project number:	212C-MD-03594
Invoice to:	ETC ATTN: Dean Ericson		
Receiving Laboratory:	Cardinal Labs	Sampler Signature:	Gustavo Cortez
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

H246133 LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2024)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL		PRESERVATIVE METHOD HCL	HNO3	ICE ✓		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
1	BH-1 (1')	10/8/2024	1010		X				X				X		X												X							
2	BH-1 (2')	10/8/2024	1015		X				X				X		X												X							
3	BH-1 (3')	10/8/2024	1020		X				X				X		X												X							
4	BH-1 (4')	10/8/2024	1025		X				X				X		X												X							
5	BH-1 (5')	10/8/2024	1030		X				X				X		X												X							
6	BH-1 (6')	10/8/2024	1035		X				X				X		X												X							
7	BH-2 (1')	10/8/2024	1055		X				X				X		X												X							
8	BH-2 (2')	10/8/2024	1100		X				X				X		X												X							
9	BH-2 (3')	10/8/2024	1105		X				X				X		X												X							
10	BH-2 (4')	10/8/2024	1110		X				X				X		X												X							

	Date:	Time:		Date:	Time:
Relinquished by: [signature]	10/09/24	0925	Received by: [signature]	10.9.24	9:20
Relinquished by:			Received by:		
Relinquished by:			Received by:		

LAB USE ONLY

Sample Temperature
4.6°C/C.O.C
4.0°C/#140

REMARKS:
Standard

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name:	Energy Transfer	Site Manager:	Brittany Long
Project Name:	ETC 2 Poker Lake Unit 49 to 1		(432) 741-5813 Brittany.long@tetratech.com
Project Location: (county, state)	Eddy County, NM	project number:	212C-MD-03594
Invoice to:	ETC ATTN: Dean Ericson		
Receiving Laboratory:	Cardinal Labs	Sampler Signature:	Gustavo Cortez
Comments:			

ANALYSIS REQUEST
(Circle or Specify Method No.)

H246133 LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2024)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL		PRESERVATIVE METHOD HCL	HNO3	ICE ✓		# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
11	BH-2 (5')	10/8/2024	1115		X				X				X		X												X							
12	BH-2 (6')	10/8/2024	1120		X				X				X		X												X							
13	BH-3 (1')	10/8/2024	1150		X				X				X		X												X							
14	BH-3 (2')	10/8/2024	1155		X				X				X		X												X							
15	BH-3 (3')	10/8/2024	1200		X				X				X		X												X							
16	BH-3 (4')	10/8/2024	12:09		X				X				X		X												X							
17	BH-3 (5')	10/8/2024	12:10		X				X				X		X												X							
18	BH-3 (6')	10/8/2024	12:20		X				X				X		X												X							
19	BH-4 (1')	10/8/2024	12:25		X				X				X		X												X							
20	BH-4 (2')	10/8/2024	12:30		X				X				X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	10/09/24	0925	[signature]	10.9.24	920
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature
4.6°C / C-0.6°C
402 / #140

REMARKS:
Standard

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name: Energy Transfer
Site Manager: Brittany Long
(432) 741-5813
Brittany.long@tetratech.com
Project Name: ETC 2 Poker Lake Unit 49 to 1
Project Location: (county, state) Eddy County, NM
project number: 212C-MD-03594
Invoice to: ETC ATTN: Dean Erickson
Receiving Laboratory: Cardinal Labs
Sampler Signature: Gustavo Cortez
Comments:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2024)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B / BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride / Sulfate / TDS	Chloride	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
H246133 21	BH-4 (3')	10/8/2024	12:35		X				X				X		X												X							
22	BH-4 (4')	10/8/2024	12:40		X				X				X		X												X							
23	BH-4 (5')	10/8/2024	12:45		X				X				X		X												X							
24	BH-4 (6')	10/8/2024	12:55		X				X				X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	10/09/24	0925	[signature]	10-9-24	920
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
4.0 / E-0.6
4.0 / #140

REMARKS:
Standard

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

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CARDINAL Laboratories

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

April 29, 2025

LINDSEY NEVELS

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: POKER LAKE

Enclosed are the results of analyses for samples received by the laboratory on 04/23/25 16:49.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: BH 13 B 4'2" (H252454-01)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *90.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *92.9 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 10 B (H252454-02)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.6 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 9 B (H252454-03)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *88.9 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.8 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 8 B (H252454-04)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *89.8 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 6 B (H252454-05)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *89.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.5 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 12 B (H252454-06)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/27/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *86.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *87.7 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 13 B (H252454-07)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/27/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *89.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.6 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 14 B (H252454-08)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/27/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *84.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *83.6 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 16 B (H252454-09)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/27/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *88.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *87.2 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 18 B (H252454-10)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *76.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *72.0 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 19 B (H252454-11)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *98.5 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *95.1 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 20 B (H252454-12)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *89.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *85.5 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 21 B (H252454-13)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *96.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *92.2 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 22 B (H252454-14)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *86.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *81.2 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 23 B (H252454-15)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *91.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *86.4 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 24 B (H252454-16)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *89.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *84.9 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 25 B (H252454-17)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *96.1 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 26 B (H252454-18)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *79.9 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 27 B (H252454-19)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *100 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 28 B (H252454-20)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *85.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *87.1 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: BF 1 (H252454-21)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *93.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *91.9 %* *40.6-153*

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CARDINAL Laboratories

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Precision Environmental
Project Manager:	Lindsey Nevels
Address:	
City:	State: Zip:
Phone #:	432 236-6999 Fax #:
Project #:	Project Owner: ETC
Project Name:	Parke Lake
Project Location:	
Sampler Name:	

BILL TO

P.O. #:	
Company:	Energy Transfer
Attn:	Dean Ericson
Address:	Dean.Ericson@energyTransfer.com
City:	
State:	Zip:
Phone #:	432 238-2142
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE	TIME	CHLORIDE	BTEX	TPH
H252454 1	BH 13 B 4'-2"	C	1			1					✓		4-23-24	8:30	✓	✓	✓
2	SW 10 B													8:45			
3	SW 9 B													8:56			
4	SW 8 B													9:00			
5	SW 1 B													9:10			
6	SW 12 B													9:14			
7	SW 13 B													9:20			
8	SW 14 B													9:24			
9	SW 16 B													9:30			
10	SW 18 B													9:35			
11	SW 19 B																

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Relinquished By:	Date: 4-23-24	Received By:
	Time: Noon	
Relinquished By:	Date:	Received By:
	Time:	

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

All Results are emailed. Please provide Email address:

Lindsey.Nevels@pndt.com

REMARKS:

WBS CC 213016 5009

Delivered By: (Circle One)	Observed Temp. °C 1.8	Sample Condition: Cool ☑ Yes ☐ No, Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C 2.12			Thermometer ID #113 ~~#140~~ Correction Factor ~~0.5~~ °C +0.3

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No, Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

Received by OCD: 6/6/2025 9:13:26 AM

Released to Imaging: 7/17/2025 2:46:57 PM

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Precision Environmental
Project Manager: Lindsey Nevels
Address:
City: **State:** **Zip:**
Phone #: 432 236-6999 **Fax #:**
Project #: **Project Owner:** ETC
Project Name: Poker lake
Project Location:
Sampler Name:

BILL TO
P.O. #:
Company: Energy Transfer
Attn: Dean Ericson
Address: Dean.Ericson@energyTransfer.com
City:
State: **Zip:**
Phone #: 432 238-2142
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME	CHLORIDE	BTEX	TPH
H252454																	
12	SW 20 B	C									✓		4-23	9:45	✓	✓	✓
13	SW 21 B													9:56			
14	SW 22 B													10:01			
15	SW 23 B													10:08			
16	SW 24 B													10:12			
17	SW 25 B													10:15			
18	SW 26 B													10:20			
19	SW 27 B													10:24			
20	SW 28 B													10:28			
21	BF 1													10:35			

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Relinquished By: Fabian **Date:** 4-23-25 **Time:** 1649 **Received By:** Apacheco
Relinquished By: **Date:** **Time:** **Received By:**

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:**
All Results are emailed. Please provide Email address: Lindsey.Nevels@pndt.com
REMARKS:
WBS CC2130165009

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 1.8
Corrected Temp. °C 2.1
Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No
CHECKED BY: (Initials) AD
Turnaround Time: 4-24-2025 **Standard** ☑ **Rush** ☐
Thermometer ID #113 ~~#140~~
Correction Factor -0.5°C
Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

Received by OCD: 6/6/2025 9:13:26 AM

Released to Imaging: 7/17/2025 2:46:57 PM

CARDINAL Laboratories

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

April 29, 2025

LINDSEY NEVELS

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: POKER LAKE

Enclosed are the results of analyses for samples received by the laboratory on 04/23/25 16:49.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: BH 13 B 4'2" (H252454-01)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *90.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *92.9 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 10 B (H252454-02)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *88.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.6 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 9 B (H252454-03)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *88.9 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.8 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 8 B (H252454-04)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *89.8 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 6 B (H252454-05)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/26/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/26/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *89.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.5 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 12 B (H252454-06)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/27/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *86.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *87.7 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 13 B (H252454-07)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/27/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *89.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *90.6 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 14 B (H252454-08)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/27/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *84.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *83.6 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 16 B (H252454-09)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.23	112	2.00	6.66	
Toluene*	<0.050	0.050	04/27/2025	ND	2.06	103	2.00	4.92	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.01	101	2.00	4.09	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.16	103	6.00	3.14	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	189	94.5	200	1.74	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	177	88.7	200	0.587	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *88.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *87.2 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 18 B (H252454-10)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *76.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *72.0 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 19 B (H252454-11)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *98.5 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *95.1 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 20 B (H252454-12)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *89.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *85.5 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 21 B (H252454-13)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *96.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *92.2 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 22 B (H252454-14)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *86.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *81.2 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 23 B (H252454-15)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *91.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *86.4 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 24 B (H252454-16)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *89.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *84.9 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 25 B (H252454-17)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *96.1 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 26 B (H252454-18)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *85.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *79.9 %* *40.6-153*

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 27 B (H252454-19)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *103 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *100 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: SW 28 B (H252454-20)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *85.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *87.1 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENERGY TRANSFER
LINDSEY NEVELS
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received:	04/23/2025	Sampling Date:	04/23/2025
Reported:	04/29/2025	Sampling Type:	Soil
Project Name:	POKER LAKE	Sampling Condition:	Cool & Intact
Project Number:	NONE	Sample Received By:	Alyssa Parras
Project Location:	ETC		

Sample ID: BF 1 (H252454-21)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2025	ND	2.35	117	2.00	5.73	
Toluene*	<0.050	0.050	04/27/2025	ND	2.17	109	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/27/2025	ND	2.13	106	2.00	3.85	
Total Xylenes*	<0.150	0.150	04/27/2025	ND	6.50	108	6.00	3.01	
Total BTEX	<0.300	0.300	04/27/2025	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/25/2025	ND	416	104	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2025	ND	209	104	200	0.674	
DRO >C10-C28*	<10.0	10.0	04/25/2025	ND	223	112	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/25/2025	ND					

Surrogate: 1-Chlorooctane *93.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *91.9 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Precision Environmental
Project Manager:	Lindsey Nevels
Address:	
City:	State: Zip:
Phone #:	432 236-6999 Fax #:
Project #:	Project Owner: ETC
Project Name:	Parke Lake
Project Location:	
Sampler Name:	

BILL TO

P.O. #:	
Company:	Energy Transfer
Attn:	Dean Ericson
Address:	Dean.Ericson@energyTransfer.com
City:	
State:	Zip:
Phone #:	432 238-2142
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE	TIME	CHLORIDE	BTEX	TPH
H252454 1	BH 13 B 4'-2"	C	1			1					✓		4-23-24	8:30	✓	✓	✓
2	SW 10 B													8:45			
3	SW 9 B													8:56			
4	SW 8 B													9:00			
5	SW 1 B													9:10			
6	SW 12 B													9:14			
7	SW 13 B													9:20			
8	SW 14 B													9:24			
9	SW 16 B													9:30			
10	SW 18 B													9:35			
11	SW 19 B																

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Relinquished By:	Date: 4-23-24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: Noon		All Results are emailed. Please provide Email address: Lindsey.Nevels@pndt.com
Relinquished By:	Date:	Received By:	REMARKS: WBS CC 213016S009
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 1.8	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C 2.12	☑ Yes ☑ Yes ☐ No ☐ No	AP	AP 4-23-24 Thermometer ID #113 #160 Correction Factor 0.5°C +0.3	☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

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CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Precision Environmental
Project Manager: Lindsey Nevels
Address:
City: **State:** **Zip:**
Phone #: 432 236-6999 **Fax #:**
Project #: **Project Owner:** E TC
Project Name: Poker lake
Project Location:
Sampler Name:

BILL TO
P.O. #:
Company: Energy Transfer
Attn: Dean Ericson
Address: Dean.Ericson@energyTransfer.com
City:
State: **Zip:**
Phone #: 432 238-2142
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME	CHLORIDE	BTEX	TPH
H252454																	
12	SW 20 B	C									✓		4-23	9:45			
13	SW 21 B													9:56			
14	SW 22 B													10:01			
15	SW 23 B													10:08			
16	SW 24 B													10:12			
17	SW 25 B													10:15			
18	SW 26 B													10:20			
19	SW 27 B													10:24			
20	SW 28 B													10:28			
21	BF 1													10:35			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Faber **Date:** 4-23-25 **Time:** 1649
Received By: [signature]
Relinquished By: **Date:** **Time:**
Received By:

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:**
All Results are emailed. Please provide Email address:
Lindsey.Nevels@pndt.com
REMARKS:
WBS CC2130165009

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
Observed Temp. °C 1.8
Corrected Temp. °C 2.1
Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No
CHECKED BY: (Initials) AD

Turnaround Time: 4-24-2025 **Standard** ☑ **Rush** ☐
Thermometer ID #113 ~~#140~~
Correction Factor -0.5°C
Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

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Attachment V
NMOCD Form C-141 Remediation Pages

Precision Group Environmental (Geoscience License #50700)
527 NW County Rd • Hobbs, NM 88240 • 432.236-6999 • www.theprecisiongroup.com

Site Characterization Summary

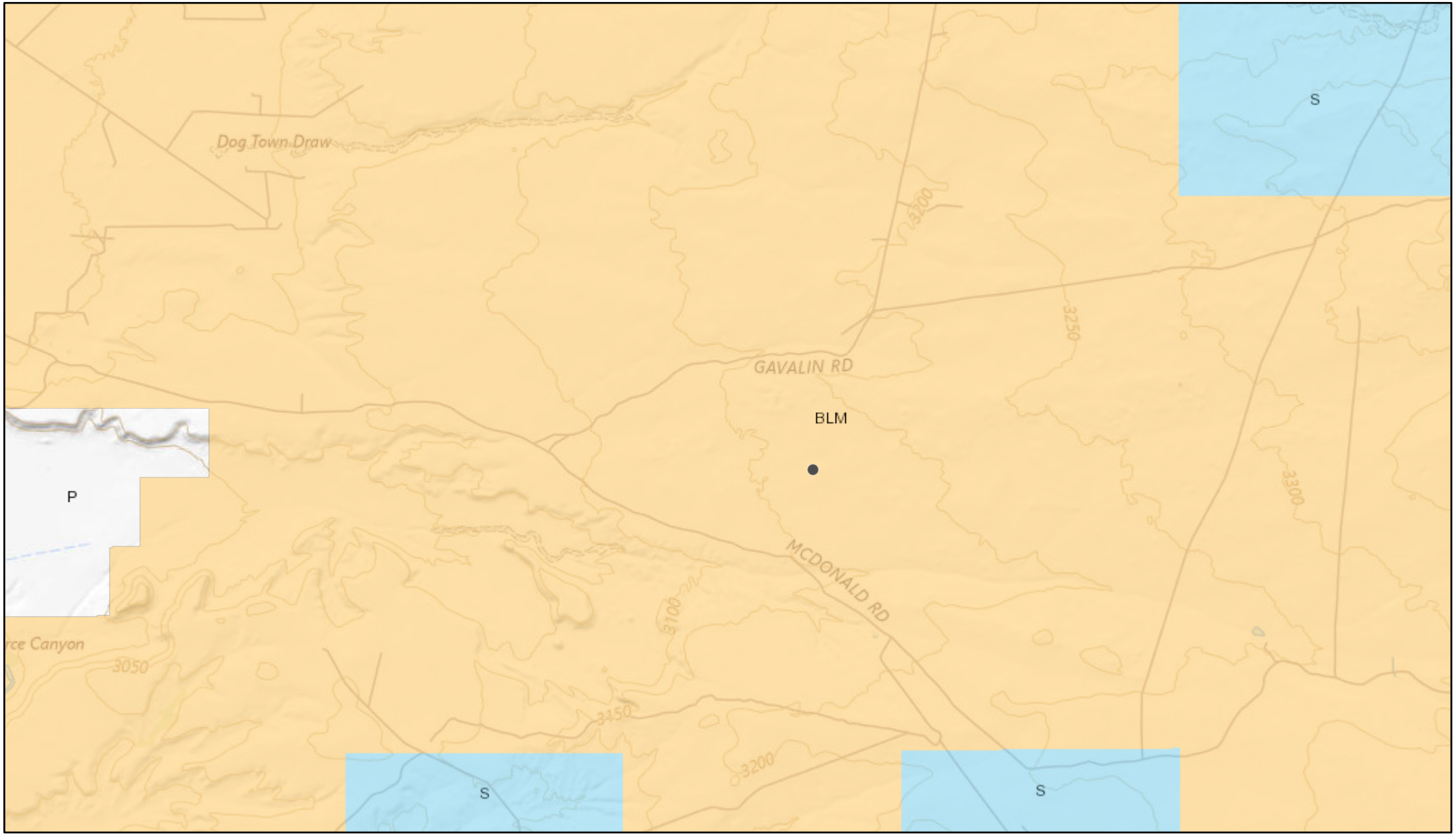
Site Information:
Energy Transfer
Poker Lake
BLM Ownership
nAPP2412643284
Eddy County, New Mexico
T24S, R30E, Section 19, Unit O
(32.196103°, -103.917658°)
602017.44 m E, 3562686.02 m N

Site Characterization:
-Low Karst
-USGS Intermittent Stream located >1,800’ from coordinates
-No significant water features within specified distances
-Dry Hole, 120’ BGS, 0.96 Miles North. (NMOSE, Section 19, 2022 Sample)
-Groundwater 130’ BGS, 0.46 Miles North. (NMOSE, Section 19, 1963 Sample)
-Groundwater 231.02' BGS, 0.46 Miles Northeast. (USGS, Section 19, 1998 Sample)

RRALs:
-600 mg/kg Chlorides
-100 mg/kg Total TPH
-10 mg/kg Benzene
-50 mg/kg Total BTEX

Explanation:
Due to inadequate groundwater information (distance further than ½ mile/data dated >25 years), Most stringent RRALs will be followed unless groundwater determination bore is drilled, and no water is found at depths of at least 55’ BGS or greater.

ArcGIS Web Map



7/24/2024, 12:29:13 PM

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

Surface Ownership

- Bureau of Land Management
- Bureau of Reclamation
- Department of Agriculture
- Department of Defense
- Department of Energy
- US Forest Service
- Fish and Wildlife Service
- Tribal
- National Park Service
- Office of Federal Acknowledgment
- Private
- State
- State Game and Fish
- State Park

NMBGMR, BLM, Esri, NASA, NGA, USGS, FEMA, NMBGMR, USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National

ArcGIS Web AppBuilder

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census

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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater
Geographic Area: United States
GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321205103544701

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321205103544701 24S.30E.19.42113

Eddy County, New Mexico
Latitude 32°12'05", Longitude 103°54'47" NAD27
Land-surface elevation 3,188 feet above NAVD88
The depth of the well is 452 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1958-10-24		D	62610		2958.66	NGVD29	1	Z		
1958-10-24		D	62611		2960.30	NAVD88	1	Z		
1958-10-24		D	72019	227.70			1	Z		
1959-03-19		D	62610		2958.61	NGVD29	1	Z		
1959-03-19		D	62611		2960.25	NAVD88	1	Z		
1959-03-19		D	72019	227.75			1	Z		
1975-12-10		D	62610		2954.58	NGVD29	1	Z		
1975-12-10		D	62611		2956.22	NAVD88	1	Z		
1975-12-10		D	72019	231.78			1	Z		
1976-01-16		D	62610		2949.10	NGVD29	1	Z		
1976-01-16		D	62611		2950.74	NAVD88	1	Z		
1976-01-16		D	72019	237.26			1	Z		
1976-12-01		D	62610		2955.63	NGVD29	1	Z		
1976-12-01		D	62611		2957.27	NAVD88	1	Z		
1976-12-01		D	72019	230.73			1	Z		
1977-01-14		D	62610		2955.74	NGVD29	1	Z		
1977-01-14		D	62611		2957.38	NAVD88	1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1977-01-14		D	72019	230.62			1	Z		
1983-02-01		D	62610		2950.43	NGVD29	1	Z		
1983-02-01		D	62611		2952.07	NAVD88	1	Z		
1983-02-01		D	72019	235.93			1	Z		
1987-10-15		D	62610		2953.06	NGVD29	1	S		
1987-10-15		D	62611		2954.70	NAVD88	1	S		
1987-10-15		D	72019	233.30			1	S		
1998-01-27		D	62610		2955.34	NGVD29	1	S		
1998-01-27		D	62611		2956.98	NAVD88	1	S		
1998-01-27		D	72019	231.02			1	S		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

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U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-07-24 14:09:35 EDT
0.33 0.29 nadww01

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 02109	1	2	4	19	24S	30E	602130	3563412

Driller License: **Driller Company:**

Driller Name: UNKNOWN

Drill Start Date:		**Drill Finish Date:**	12/31/1963	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	40 GPM
Casing Size:	7.00	**Depth Well:**	130 feet	**Depth Water:**	150 feet

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.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DII DEC 21 2022 PM3:14

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
C-04676 POD 1		C-04676

WELL OWNER NAME(S)	PHONE (OPTIONAL)
XTO ENERGY INC	575-200-0729

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
3104 E GREENE ST	CARLSBAD	NM	88220

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	12	32.66	N
	LONGITUDE	-103	54	50.95	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

POKER LAKE UNIT # 231

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1184	RUSSELL SOUTHERLAND	WEST TEXAS WATER WELL SERVICE

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
11/22/22	11/22/22	120		

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
			NO CASING IN HOLE				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-04676	POD NO. 1	TRN NO. 736286
LOCATION 24S.30E.19.1.2.2	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	1		CALICHIE PAD	Y ✔ N	
1	120		RED SAND	Y ✔ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: DRY HOLE

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

OSE DII DEC 21 2022 PM3:14

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

RUSSELL SOUTHERLAND

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

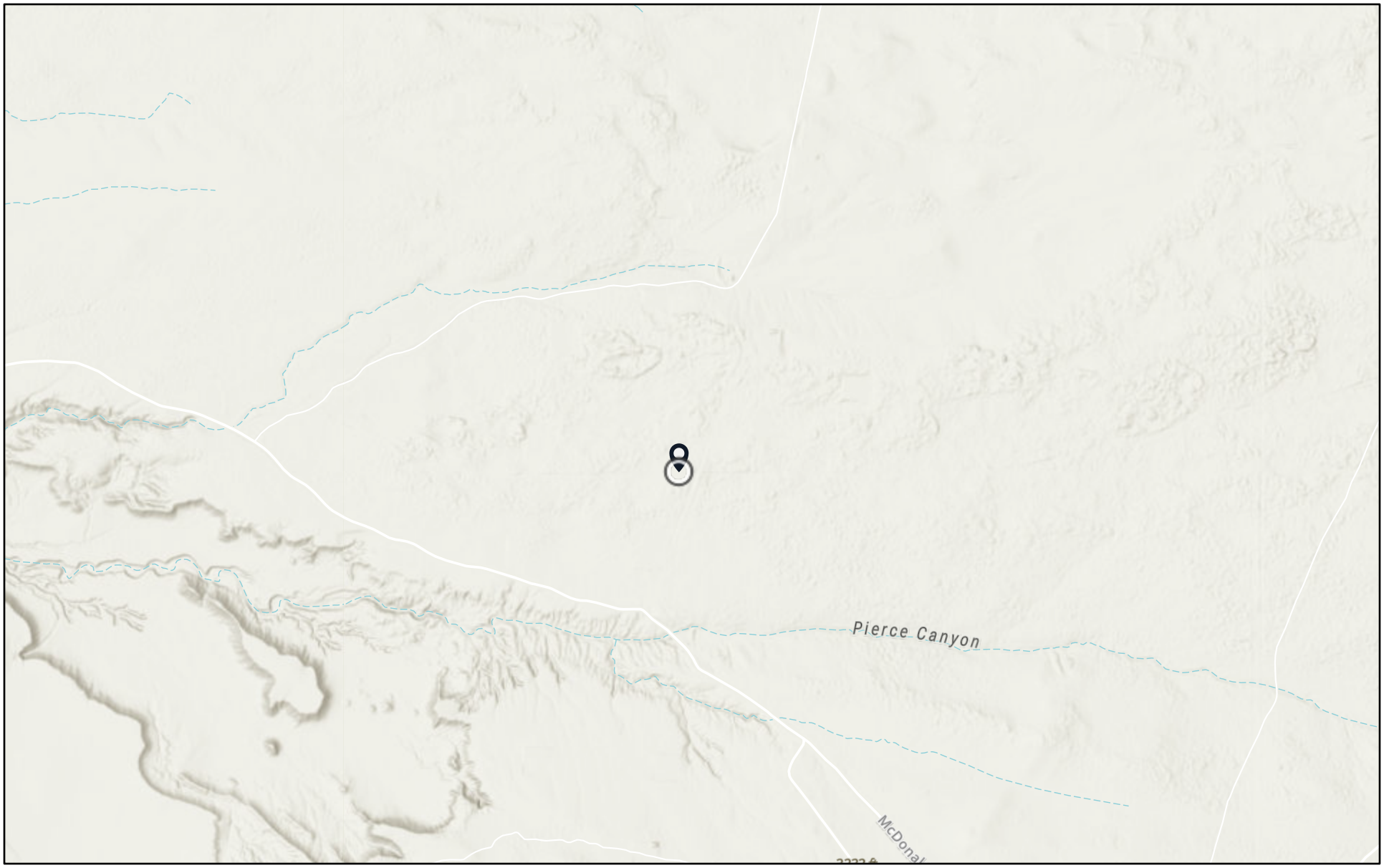
RUSSELL SOUTHERLAND — 11/22/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. C-04676	POD NO. 1	TRN NO. 736286
LOCATION 24S.30E.19.1.2.2.	WELL TAG ID NO.	PAGE 2 OF 2

Untitled map



7/24/2024

World Hillshade

1:23,373

0 0.15 0.3 0.6 mi

0 0.28 0.55 1.1 km

Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS,

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Received by OCD: 6/6/2025 9:13:26 AM

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32.196103°, -103.917658°

Search by Place Name:
Enter Placename

Search by Site Number(s):
Enter Site Number(s)

Search by State/Territory:
Select an Area

Search by Watershed Region:
Select a Region

Surface-Water Sites
Groundwater Sites
Springs
Atmospheric Sites
Other Sites

Site Information

Page 222 of 233

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My Map

BLM_NM_Wildlife_Habitat

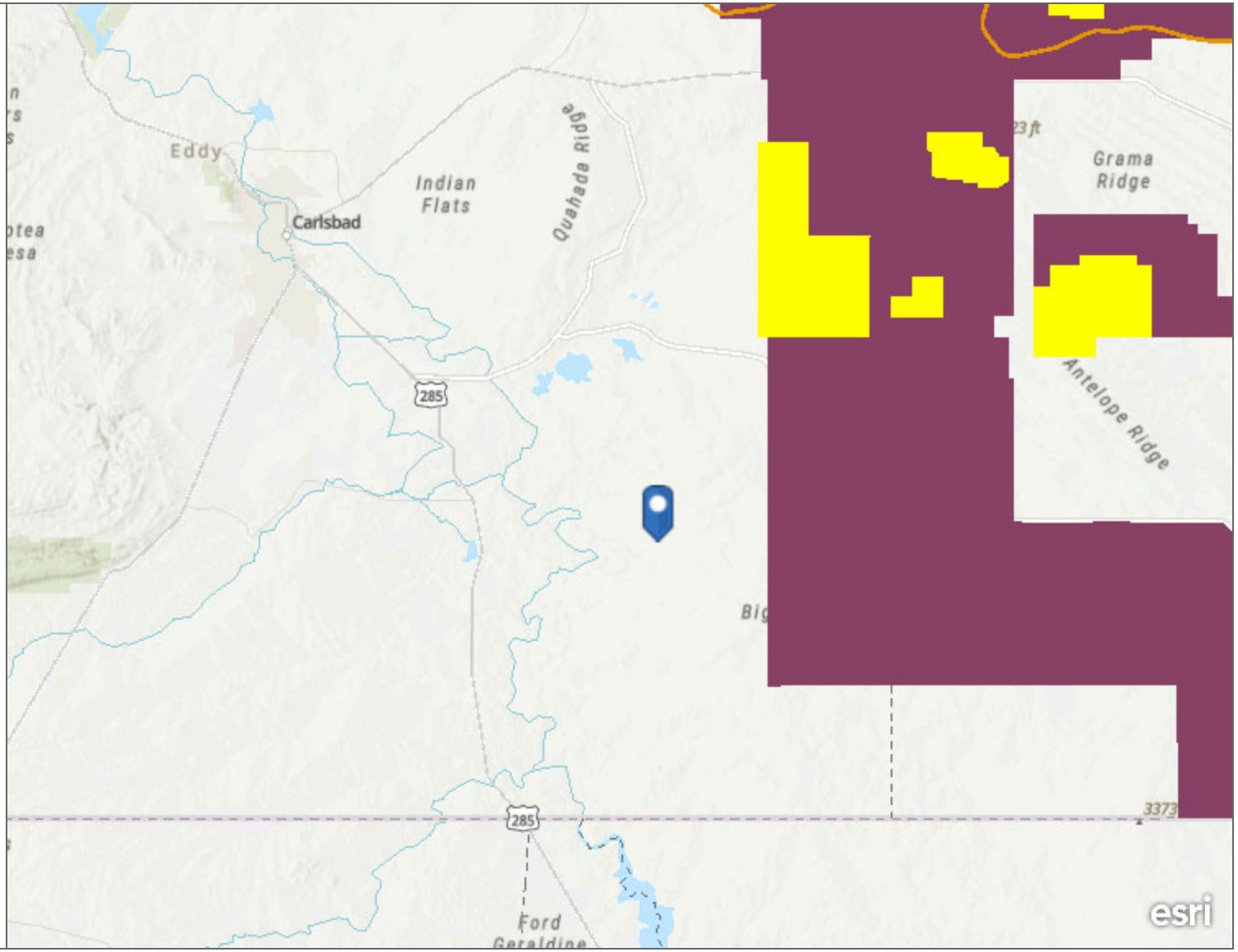
Wildlife Habitat

Dunes Sage Brush Lizard Habitat

Lesser Prairie Chicken Habitat

Type

- Core Management Area
- Habitat Evaluation Area
- Isolated Population Area
- Primary Population Area
- Sparse and Scattered Population Area



Esri, CGIAR, USGS | Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS | Bureau of Land Management - New Mexico State Office

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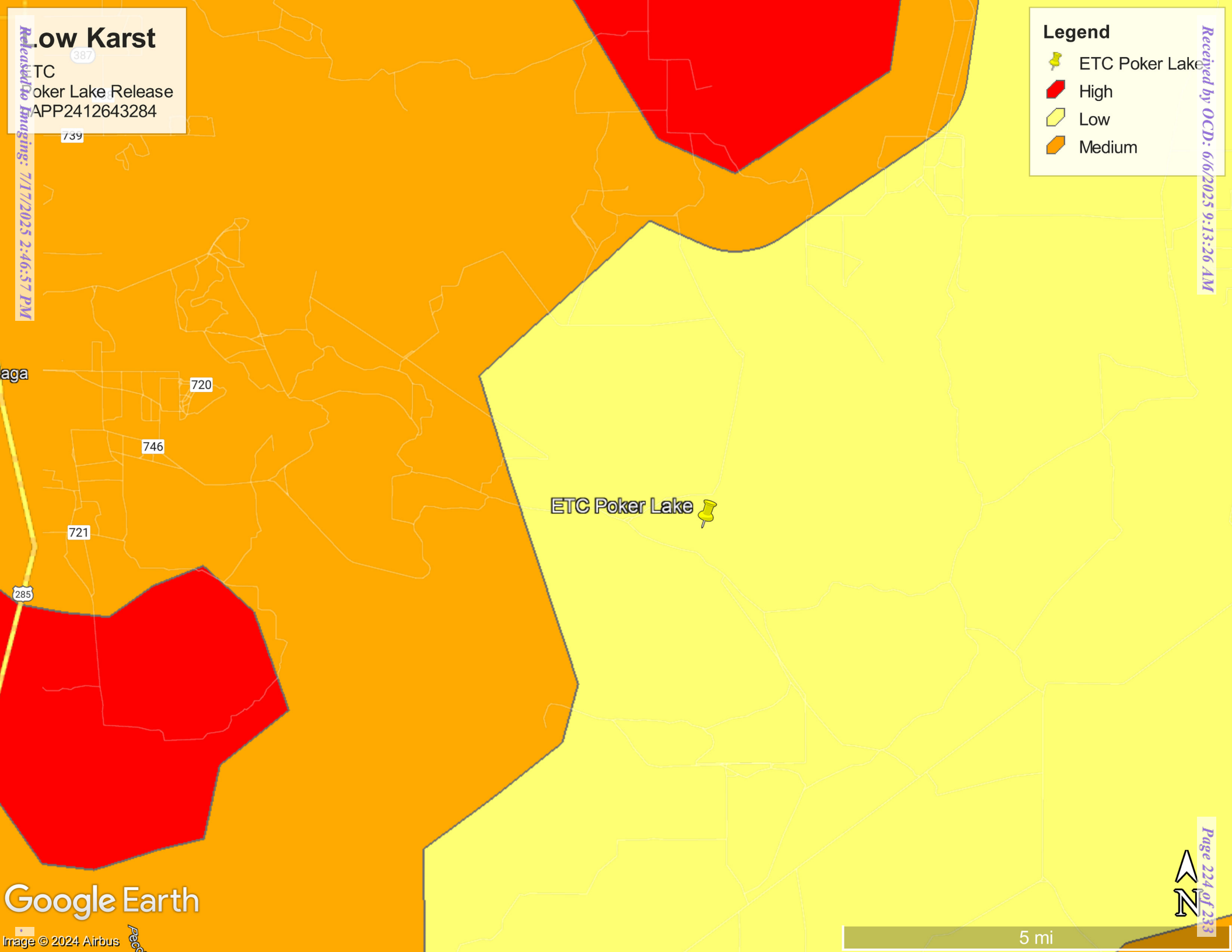

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JHawley@H-R-Enterprises.com
PO Box 3641, Hobbs NM 88240
Office: 575-964-8686 Cell: 575-605-3471

Attn: Dean Ericson, ETC

Date: 3/3/25

Poker Lake Release

To whom it may concern, Energy Transfer Co. contracted H&R Enterprises LLC to gauge NMOSE Well file # C-02109 owned by Tyson Mahaffey in Eddy County NM at GPS 32.2027,-103.9164.

Static water level on 3/3/25 was 240' BGS, well was gauged by Licensed rig supervisor Nathan Smelcer working under James Hawley, license #WD-1862, Exp 6/25.

Jim Hawley

President H&R Enterprises, LLC.

575-605-3471

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

QUESTIONS

Action 471514

QUESTIONS

Operator: ET Gathering & Processing, LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 471514
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2412643284**
Incident Name	**NAPP2412643284 2 POKER LAKE UNIT 49 TO POKER LAKE UNIT 1 @ 0**
Incident Type	**Natural Gas Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	2 Poker Lake Unit 49 to Poker Lake Unit 1
Date Release Discovered	05/03/2024
Surface Owner	Federal

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Other | Pipeline (Any) | Crude Oil | Released: 5 BBL | Recovered: 0 BBL | Lost: 5 BBL.
Produced Water Released (bbls) Details	Cause: Other | Pipeline (Any) | Produced Water | Released: 21 BBL | Recovered: 0 BBL | Lost: 21 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Other | Pipeline (Any) | Condensate | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Cause of release is unknown at this time

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QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
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	False
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	No freestanding liquid to contain.
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: Dean Ericson Title: Sr. Environmental Specialist Email: dean.ericson@energytransfer.com Date: 12/04/2024

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QUESTIONS (continued)

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QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 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
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.	
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)	5280
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	11576
GRO+DRO (EPA SW-846 Method 8015M)	9586
BTEX (EPA SW-846 Method 8021B or 8260B)	5.1
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	11/24/2024
On what date will (or did) the final sampling or liner inspection occur	04/23/2025
On what date will (or was) the remediation complete(d)	04/20/2025
What is the estimated surface area (in square feet) that will be reclaimed	6000
What is the estimated volume (in cubic yards) that will be reclaimed	600
What is the estimated surface area (in square feet) that will be remediated	6000
What is the estimated volume (in cubic yards) that will be remediated	600
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

Remediation Plan (continued) *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dean Ericson Title: Sr. Environmental Specialist Email: dean.ericson@energytransfer.com Date: 06/06/2025
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

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**453592**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/23/2025**
What was the (estimated) number of samples that were to be gathered	**20**
What was the sampling surface area in square feet	**2000**

Remediation Closure Request *Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6000
What was the total volume (cubic yards) remediated	600
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	6000
What was the total volume (in cubic yards) reclaimed	600
Summarize any additional remediation activities not included by answers (above)	All remediation activities are in accordance with applicable NMOCD Closure requirements and/or NMOCD reclamation standard. Based on laboratory analytical results and field activities conducted it is recommended ETC Texas Pipeline, Ltd. provide copies of this Remediation Closure Request to the appropriate agencies and request Closure be granted for the Poker Lake release.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Dean Ericson Title: Sr. Environmental Specialist Email: dean.ericson@energytransfer.com Date: 06/06/2025

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Reclamation Report *Only answer the questions in this group if all reclamation steps have been completed.*	
Requesting a reclamation approval with this submission	No

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvelez	None	7/17/2025