



## Remediation Summary/Soil Closure Request

### ETC Texas Pipeline, Ltd Trunk 2C Pipeline

Lea County, New Mexico

Latitude 32.049009 North, Longitude 103.136180 West  
Unit Letter "C", Section 14, Township 26 South, Range 37 East

**NMOCD Incident # nAPP125845353**

**October 2023**

Prepared By:

**Wolfpack Industries**

4902 East CR 133

Midland, Texas 79706

A handwritten signature in blue ink that reads "Lindsey Nevels".

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Lindsey Nevels

Environmental Project Manager

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October 23, 2023

New Mexico Energy, Minerals & Natural Resources  
NMOCD District 1  
C/O: Mike Bratcher & Robert Hamlet  
1625 N French Drive  
Hobbs, NM 88240

Bureau Of Land Management  
C/O: Shelly Dickens  
620 E. Green Street  
Carlsbad, NM 88240

ETC Texas Pipeline Ltd.  
600 N Marienfeld St. Suite 700  
Midland, Tx 79701

RE: Closure Request  
ETC, Texas Pipeline  
Trunk 2C Pipeline  
Latitude 32.049009 North, Longitude 103.136180 West  
Unit Letter "C", Section 14, Township 26 South, Range 37 East  
Lea County, New Mexico  
**NMOCD Incident # nAPP2125845353**

Wolfpack Industries LLC, (WPI) on behalf of ETC Texas Pipeline, Ltd. submits this *Remediation Summary & Closure Request* to the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation and serves as a condensed update on field activities undertaken at the afore-referenced Site.

### **Project Information**

The site is in Unit Letter C (NE/NW), Section 14, Township 26 South, Range 37 East. The spill area measures approximately 1.03 acres of land managed by the Bureau of Land Management (BLM) and is approximately 6 miles southeast of Jal New Mexico. Site Map included, respectively. Latitude 32.049009 North, Longitude 103.136180

## 1.0 Background

On September 7, 2021, approximately 31 BBLS of pipeline liquid and 2,374.8 mcf of natural gas was discovered on ETC Trunk 2C line.

The release was attributed to corrosion of an existing pipeline segment. Due to the sandy soil the site was not accessible by vac truck and zero was recovered. Immediate notification of a major release was reported via email to NMOCD District 1 & Jim Griswold on September 9, 2021, at 9:26 CST.

On April 07, 2022, ETC submitted the “Trunk 2C Proposed Remediation Plan” via NMOCD Portal and on May 12, 2022, the “Proposed Remediation Plan” was approved with stipulation stated as follows:

- Remediation Plan Approved, do not backfill until horizontal delineation has been completed.

✓ October 25, 2023- Laboratory analytical results indicate the extent of impacted soil was delineated both vertical and horizontally in accordance with NMOCD Closure Criteria as well as stipulation noted in approved Remediation Plan.

Previously submitted pages of the NMOCD Form C-141 along with approved Remediation Plan 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.

## 2.0 NMOCD Site Classification:

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 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. Site characterization shows the area is low karst and no other receptors (residence, school, hospital, institution, church, mining or other ordinance boundaries) were located within the regulatorily promulgated distances from the Site. Depth to groundwater information is provided as Attachment II and the results are depicted on Figures 1,2, and 3.

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

**Table 1**

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria <sup>++</sup>	Reclamation Standard <sup>++</sup>
95'	Chloride (Cl <sup>-</sup> )	EPA 300.0 or SM4500 ClB	10,000	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



### 3.0 Delineation Activities

On January 12, 2022, IPC Inc., conducted an initial site assessment. During the initial assessment, a series of soil bores were advanced within the release margins to determine the vertical extent of impacted soil. In addition, sample test trenches were advanced along the inferred edges of the affected area to determine the horizontal extent of contamination. The release was characterized into 3 parts. (Area 1, Area 2, and Overspray Area). During the advancement of the soil bores and test trenches, soil samples were collected, 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.

#### a. Area 1

Based on field observations and field test data, a total of (23) twenty-three delineation soil samples both vertical and horizontal were selected for laboratory analysis.

Delineation soil samples represented by

- 1/12/2022-Vertical delineation locations labeled: (A1 V1 @ 4',8',12', 15').
- 1/12/2022-Horizontal delineation locations labeled: (A1 H1 @ 2', 4'), (A1 H2 @ 2', 4'), (A1 H3 @ 2',4'), and (A1 H4 @ 2',4').
- 2/12/2022-Horizontal delineation sample locations labeled: (A1 H.1 @2',4'), (A1 H2.1 @2',4'), (A1 H3.1 @ 2',4'), and (A1 H4.1 @ 2',4'). Horizontal delineation completed.
- 2/28/2022-Vertical delineation location labeled: (A1 V1 @ 17',19',21'). Vertical delineation completed.

Each was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples.

**Area 1** -Vertical delineation complete at 17'Bgs.

- Area 1 has been fully delineated both vertically and horizontally.
- Two soil samples for laboratory analysis per 19.15.29.11 NMAC (d)
- Analytical analysis
- Delineation sample location map
- Field notes

## b. Area 2

Based on field observations and field test data, a total of (47) forty-seven delineation soil samples both vertical and horizontal were selected for laboratory analysis.

Delineation soil samples represented by

- 1/12/2022-Vertical delineation locations labeled: (A2 V1 @ 4',8',12', 15').
- 1/12/2022-Horizontal delineation locations labeled: (A2 H1 @ 2', 4'), (A2 H2 @ 2', 4'), (A2 H3 @ 2',4'), (A2 H4 @ 2',4'), (A2 H5 @ 2',4'), (A2 H6 @ 2',4'), (A2 H7 @ 2',4'), (A2 H8 @ 2',4'), (A2 H9 @ 2',4'), (A2 H10 @ 2',4'), and (A2 H11 @ 2',4').
- 2/12/2022-Horizontal delineation sample locations labeled: (A2 H.1 @2',4'), (A2 H2.1 @2',4'), (A2 H3.1 @ 2',4'), and (A2 H4.1 @ 2',4'), (A2 H5.1 @ 2',4'), (A2 H6.1 @ 2',4'), (A2 H7.1 @ 2',4'), (A2 H8.1 @ 2',4'), (A2 H9.1 @ 2',4'), (A2 H10.1 @ 2',4'), and (A2 H11.1 @ 2',4').
- 2/28/2022-Vertical delineation location labeled: (A2 V1 @ 17',19,21'). Vertical delineation completed.
- 10/25/2023- Horizontal delineation sample locations labeled: (A2 H7-1 @2',4'), (A2 H8-1 @ 2',4'), and (A2-H11-1 @2',4'). Horizontal delineation completed in accordance with NMAC Rule and in stated in Proposed actions in *Approved Remediation Plan*.

Each was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples.

**Area 2** -Vertical delineation completed at 17'bgs.

- Area 2 has been fully delineated both vertically and horizontally.
- Two soil samples per each sample location selected for laboratory analysis per 19.15.29.11 NMAC (d)
- Analytical analysis
- Delineation sample location map
- Field notes

### c. Overspray Area

Based on field observations and field test data, a total of (42) forty-two delineation soil samples both vertical and horizontal were selected for laboratory analysis.

Delineation soil samples represented by

- 1/12/2022-Vertical delineation locations labeled: (#1@ 6" - #1.1@1.6"), (#2 @6" - #2.1 @1.6"), (#3 @6" - #3.1 @1.6"), (#4 @6" - #4.1 @ 1.6"), (#5 @6" - #5.1 @1.6"), (#6 @6" - #6.1 @1.6"), (#7 @6" - #7.1 @1.6"), (#8 @6" - #8.1 @1.6"), (#9 @6" - #9 @1.6"), (#10 @6" - #10.1 @1.6"), and (#11 @6" - #11.1 @1.6").  
Overspray Area -Vertical delineation completed.
- 10/25/2023-Horizontal delineation locations labeled: (OS HZ1- 1',2'), (OS HZ2- 1',2'), (OS HZ3- 1',2'), (OS HZ4- 1',2'), (OS HZ5- 1',2'), and (OS HZ6- 1',2').  
Overspray Area- Horizontal delineation completed.

Horizontal delineation completed in accordance with NMAC Rule and in stated in Proposed actions in *Approved Remediation Plan*.

Each was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples.

**Overspray Area** -Vertical delineation completed at depths of 1" – 1.6" Bgs.

- Overspray Area has been fully delineated both vertically and horizontally.
- Two soil samples per each sample location selected for laboratory analysis per 19.15.29.11 NMAC (d)
- Analytical analysis
- Delineation sample location map
- Field notes

A delineation Sample Location Map is provided as Figure 4 (1) & 4 (2). A summary of Soil Sample Laboratory Analytical Results is provided as Table 2 and Analytical reports are provided as Attachment IV.

#### **4.0 Remediation Activities**

On October 23, 2023, Wolfpack Industries crews were dispatched to the location and excavation activities began. Excavation activities are as follows.

In accordance with the NMOCD approved Remediation Plan, 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.

The sidewalls of each excavation area: labeled as Area 1, Area 2 and Overspray, were advanced until field observations and analytical test results suggested BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

Impacted soil within the release margins was excavated and temporarily stockpiled on-site pending final disposition.

The total excavation areas measured approximately:

- Area 1 - 100' x 20' x 6'bgs
- Area 2 -180' long with a width ranging from 25'-45' x 6'bgs.
- Overspray -140' x 90' with depths ranging from 6" to 1.6'. Overspray sample location areas represented by #11, #12, and #13 were excavated to 1.6'bgs.

Approximately 3500 yds of contaminated soil were then transported to an approved disposal facility.

Excavation map along with Closure sample locations attached as Figure 5, respectively.

#### **5.0 Closure Sample Summary**

Confirmation five-point composite soil samples representing no more than 200 sqft were collected from the floor and sidewalls of excavated areas; Area 1, Area 2, and Overspray area.

Test results suggested BTEX, TPH and chloride concentrations were in accordance with the applicable NMOCD Closure Criteria, NMOCD Reclamation Standard and/or Approved Remediation Plan.

Notification of final sampling included in attachment V along with NMOCD Form C-141 Remediation pages.

**Area 1-** On October 25, 2023, a total of twenty (20) -five-point composite bottom holes and 9 sidewall soil samples representing every 200sqft were taken from the final excavation. The sidewall sample locations were advanced until laboratory analytical results indicated Chloride, Benzene, BTEX, and TPH concentrations were below the NMOCD Closure Criteria.

**Area 2-** On October 25, 2023, a total of thirty-five (35) five-point composite bottom holes and 10 sidewall soil samples representing every 200sqft were taken from the final excavation. The sidewall sample locations were advanced until laboratory analytical results indicated Chloride, Benzene, BTEX, and TPH concentrations were below the NMOCD Closure Criteria. Bottom hole sample labeled A2 BH35 was damaged in transit and re- submitted on October 30, 2023.

**Overspray-** On October 25, 2023, a total of sixty-three (63) five-point composite bottom hole and 10 sidewall soil samples representing every 200sqft were taken from the final excavation. All final bottom-hole and sidewall five-point composite closure samples were advanced until laboratory analytical results indicated Chloride, Benzene, BTEX, and TPH concentrations were below the NMOCD Closure Criteria.

All soil samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to NMOCD-approved laboratory (Cardinal Laboratories of Hobbs, NM) for the analysis of Chloride, Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) and Total Petroleum Hydrocarbon (TPH).

Immediately following the final Closure sampling collection, a 20 mil non permeable polyethylene liner was installed on the excavation floor. GPS time stamped photos along with liner strength tag are attached below.

A Delineation Sample Map and Excavation Sample Map are provided as Figure 4 and Figure 5, respectively. Field data is provided as Attachment III. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 2 and Laboratory Analytical Reports are provided as Attachment IV.

### **Restoration, Reclamation, and Re-Vegetation:**

Based upon laboratory analytical results from confirmation soil samples, the excavated areas were backfilled with locally sourced clean, non-impacted "like" material placed at or near relative positions. The affected area was contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site.

## **Soil Closure**

Based on the information presented above, and in accordance with approved Remediation Plan, the site known as "Trunk 2C" has been remediated to meet the standards of Table 1 of 19.15.29.12 NMAC as well as Approved Remediation Plan.

Wolfpack industries recommends ETC provide copies of the *Final Closure Report* to the appropriate agencies and respectfully requests Closure be granted for the referenced release.

## **Limitations:**

Wolfpack Industries has prepared this *Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. WPI examined and relied upon documents referenced in the report and on oral statements made by certain individuals. WPI has conducted an independent examination of the facts contained in referenced materials and statements. WPI has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. WPI notes that the facts and conditions referenced 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. Wolfpack Regulatory project manager 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 Energy Transfer (ETC). Use of the information contained in this report is prohibited without the consent of Energy Transfer or Wolfpack Regulatory authority.

**Distribution:**

**ETC, Texas Pipeline**

600 N. Marienfield St. Suite 700  
Dallas, TX

**New Mexico Energy, Minerals and Natural Resources Department**

Oil Conservation Division, District 1  
1625 N. French Drive  
Hobbs, NM 88240

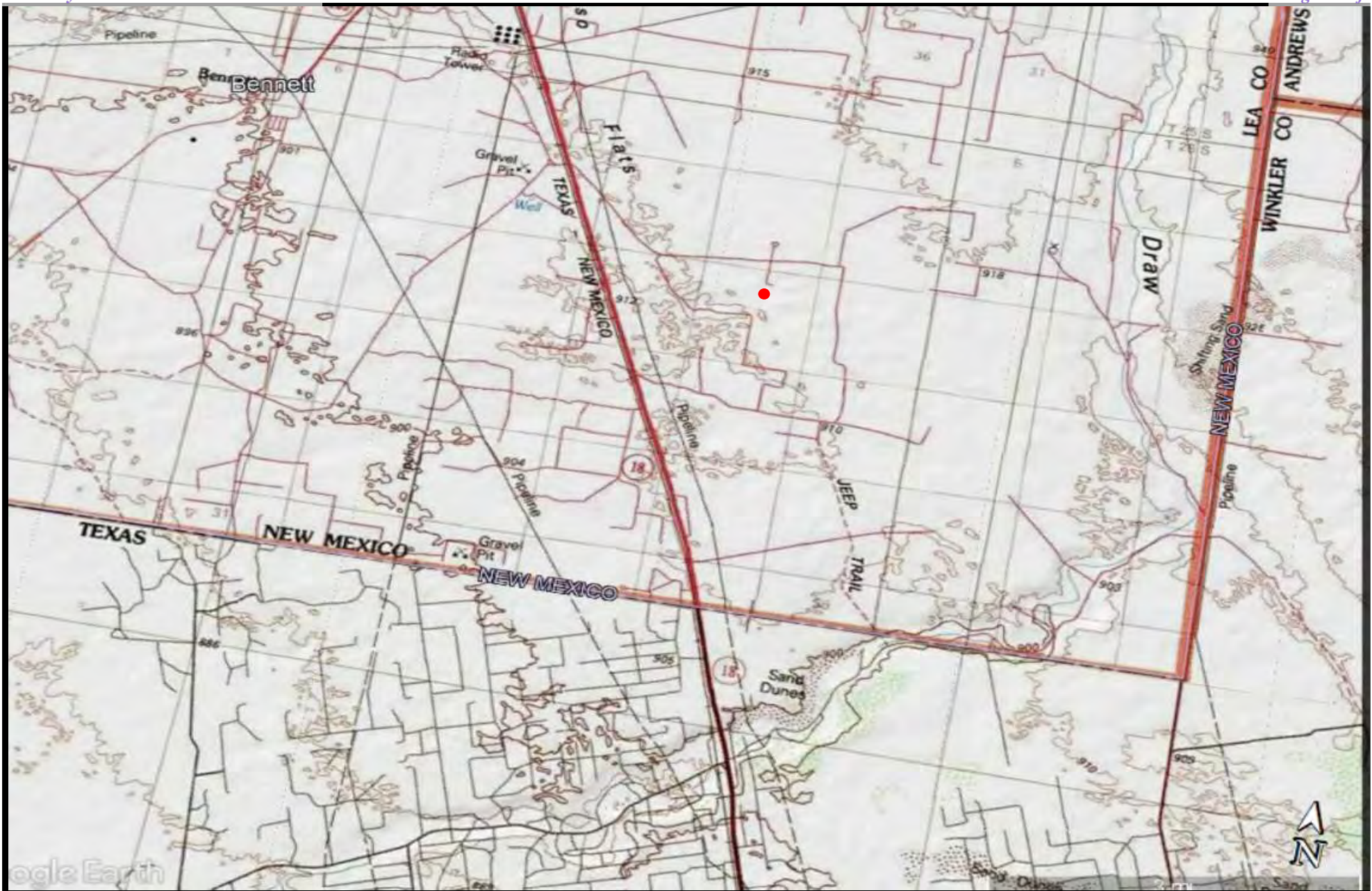
**United States Department of the Interior**



Bureau Of Land Management  
620 E. Greene Street  
Carlsbad, NM 88220

## Figures

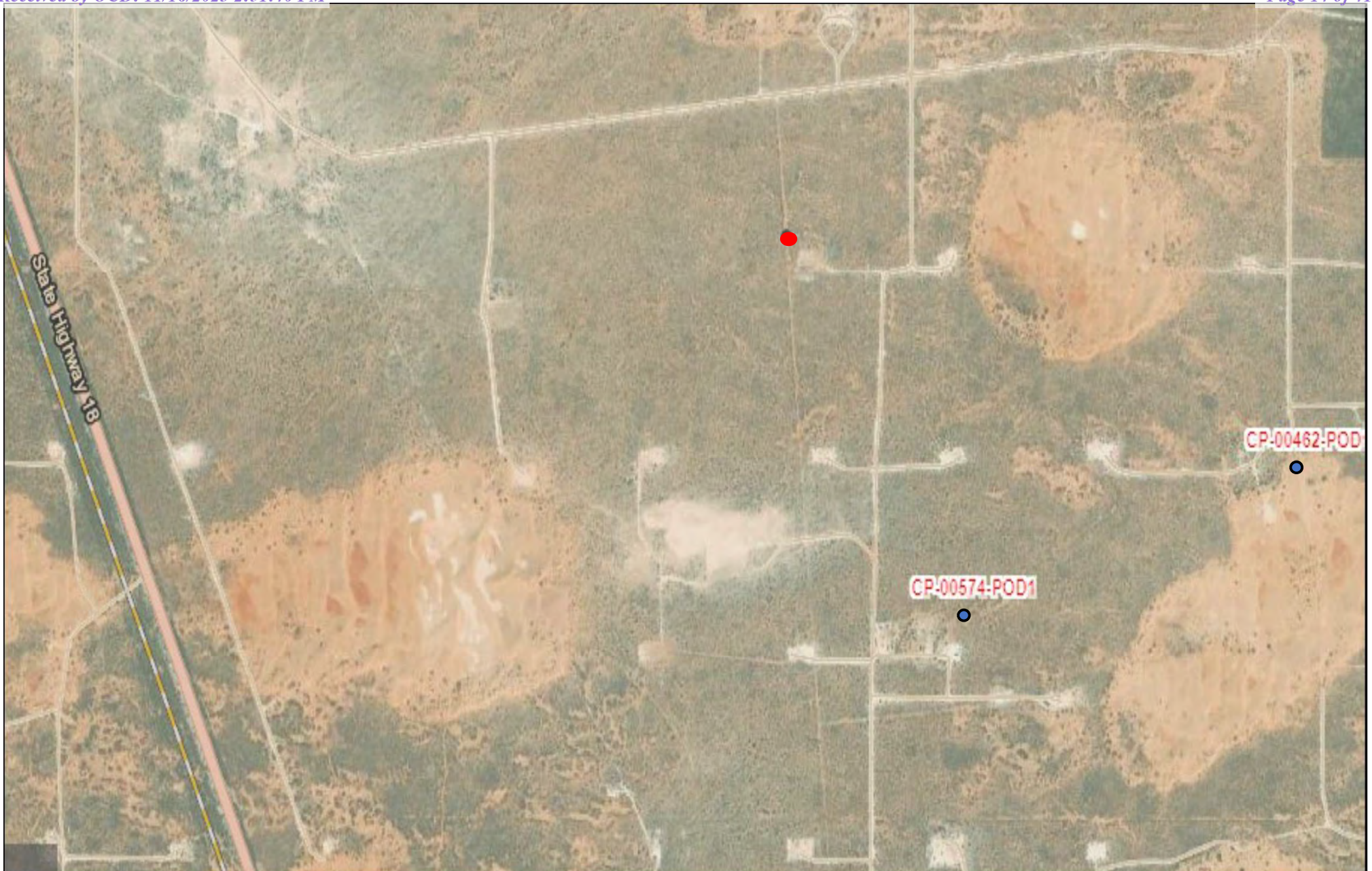
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Legend	Topography Map	Figure 1
<p>● Trunk 2C Pipeline Location</p>  <p>ENERGY TRANSFER Moving America's Energy</p>	<p>ETC Texas Pipeline, Ltd. Trunk 2C Pipeline GPS: 32.049009, -103.13618 Lea County</p>	 <p>VP WOLFPACK</p>










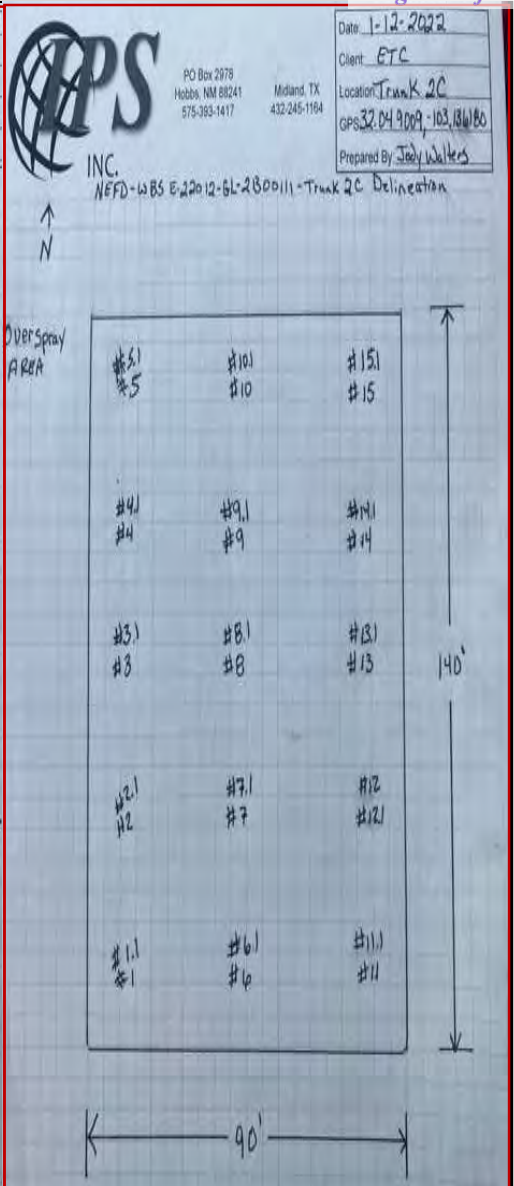
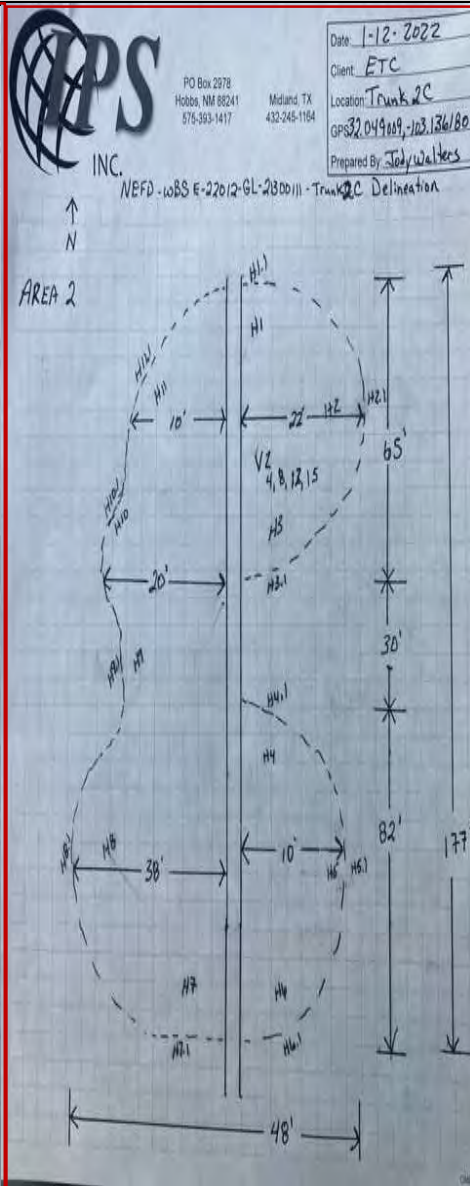
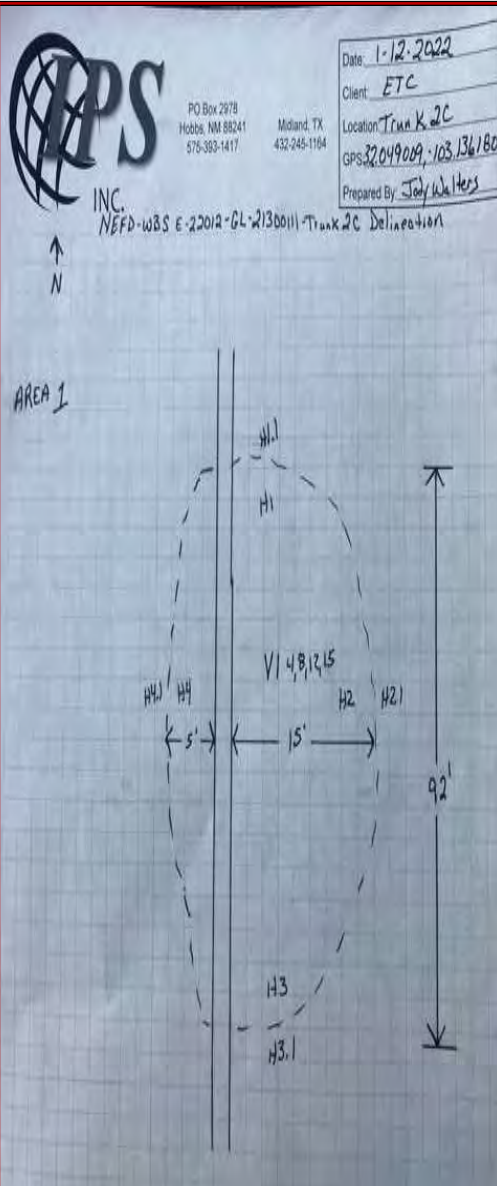
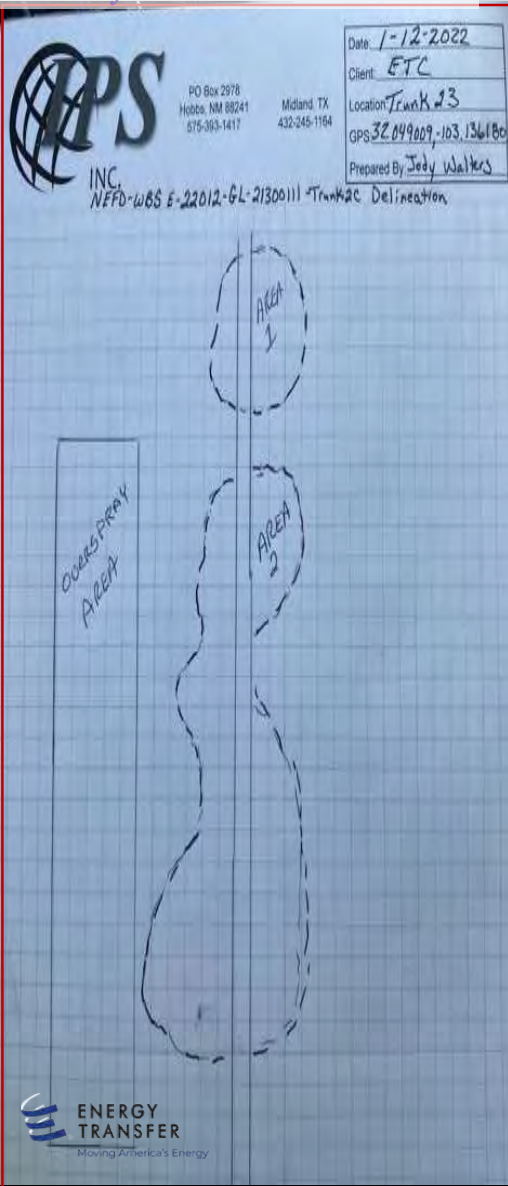
<p><b>Legend:</b></p>	<p><b>OSE POD Locations Map</b></p>	<p><b>Figure 2</b></p>
<p> <span style="color: red;">●</span> Trunk 2C Pipeline Location  <span style="color: blue;">●</span> OSE Water Well   </p>	<p>           ETC Texas Pipeline, Ltd.            Trunk 2C Pipeline            GPS: 32.049009, -103.13618            Lea County         </p>	<p>  </p>





Legend:	USGS Well Locations Map	Figure 3
<ul style="list-style-type: none"> <li> USGS Well Locations</li> <li> Trunk 2C Pipeline Location</li> <li> Half mile Radius</li> </ul> 	<p>ETC Texas Pipeline, Ltd.          Trunk 2C Pipeline          GPS: 32.049009, -103.13618          Lea County</p>	





Overview

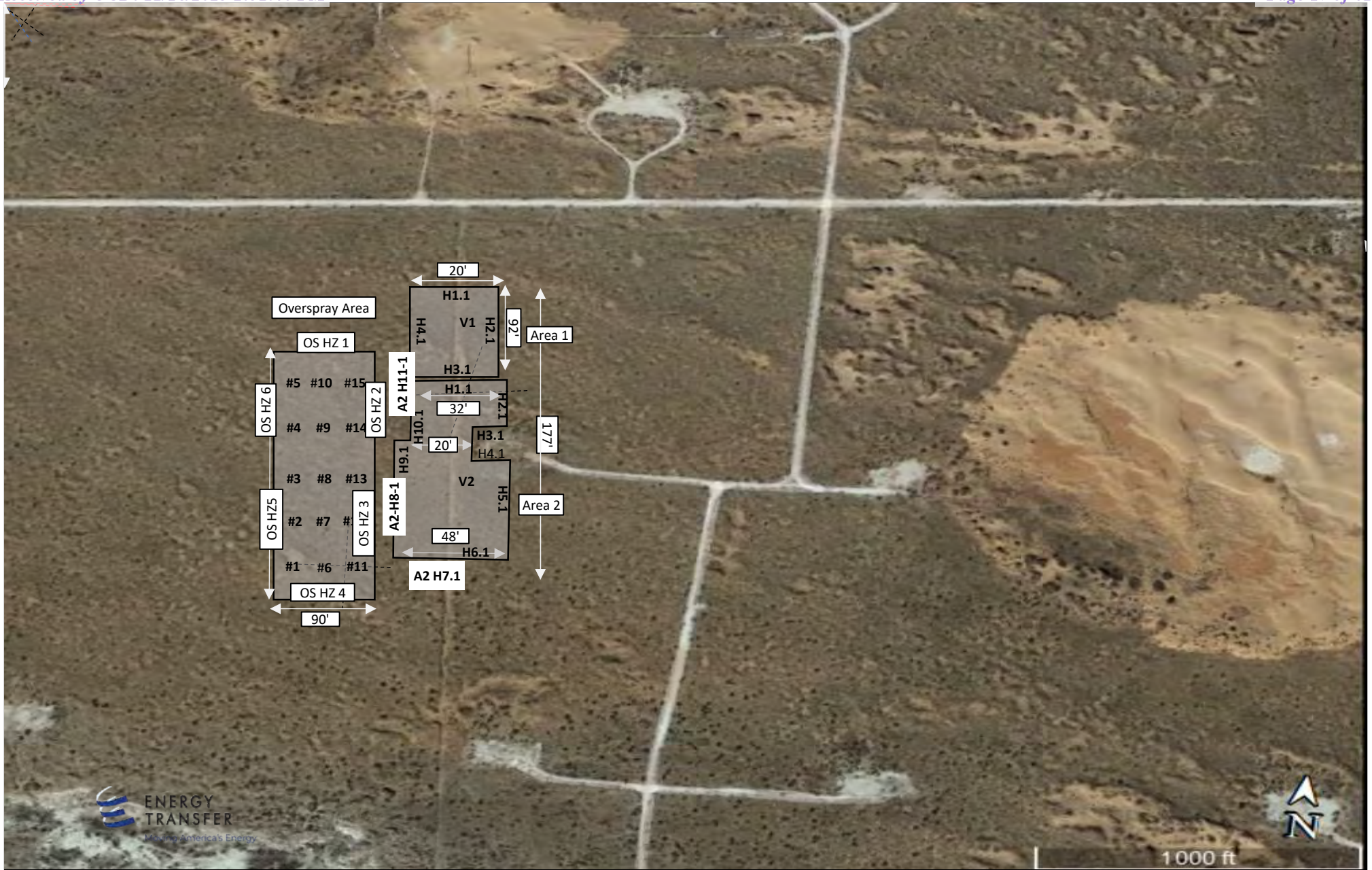
Area 1

Area 2



Overspray

Legend:	IPS Delineation Sample Map	Figure 4 (1)
<p><span style="display: inline-block; width: 15px; height: 10px; background-color: #d2b48c; border: 1px solid black;"></span> Release Area</p> <p><span style="border: 1px solid black; padding: 2px;">SP1</span> IPS Delineation Sample Location Map</p>	<p>ETC Texas Pipeline, Ltd. Trunk 2C Pipeline GPS: 32.049009, -103.13618 Lea County New Mexico</p>	

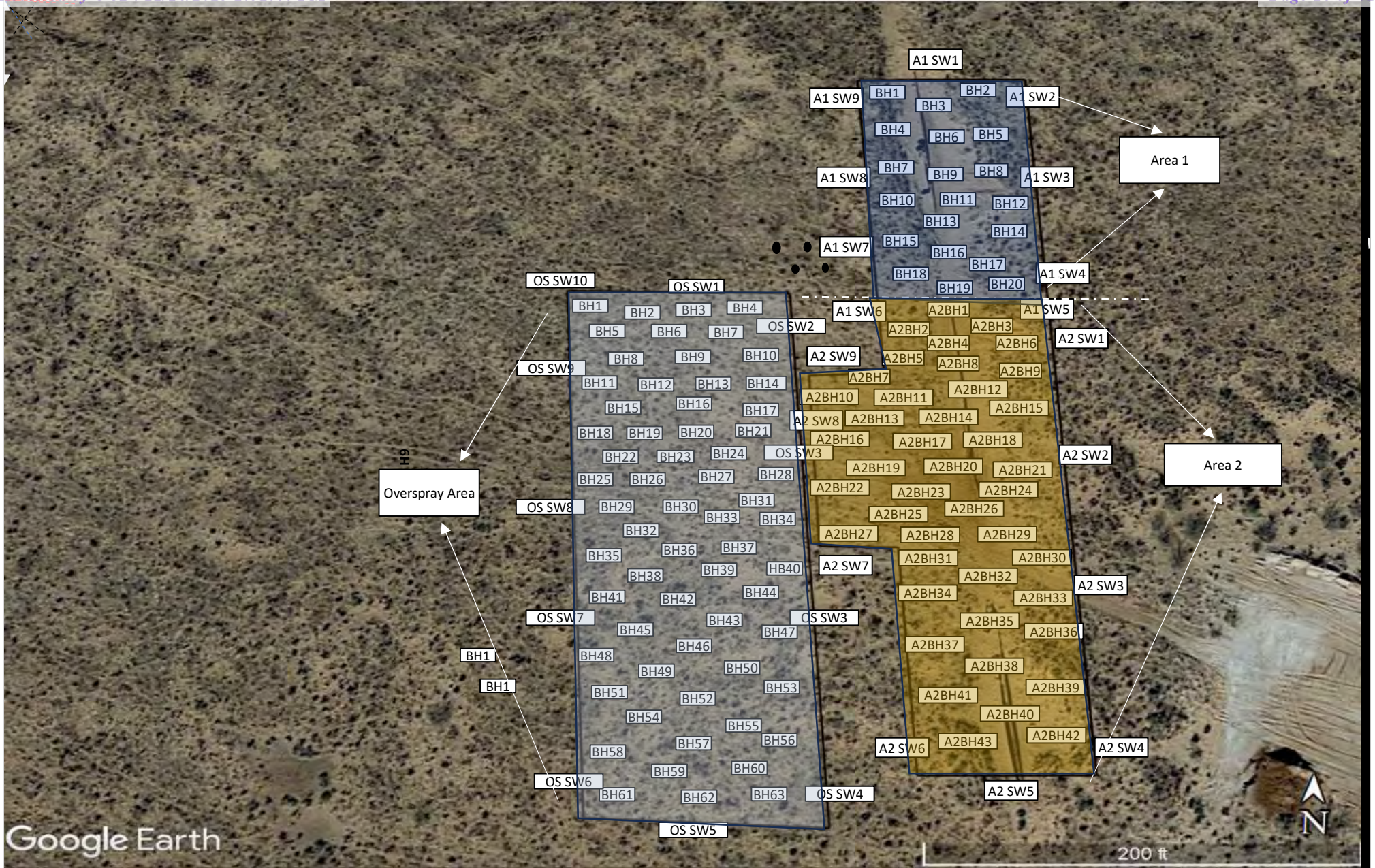




1000 ft

Legend	Final Closure Delineation Map	Figure 4 (2)
 Delineation Sample Location Map	ETC Texas Pipeline, Ltd. Trunk 2C Pipeline GPS: 32.049009, -103.13618 Lea County	





Google Earth

Legend	Excavation Map/Closure Sample Location	Figure 5
<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ADD8E6; border: 1px solid black; margin-right: 5px;"></span> Area 1</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FFD700; border: 1px solid black; margin-right: 5px;"></span> Area 2</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #D3D3D3; border: 1px solid black; margin-right: 5px;"></span> Overspray</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> BH Closure sample location</li> </ul>	<p>ETC Texas Pipeline, Ltd.            Trunk 2C Pipeline            GPS: 32.049009, -103.13618            Lea County</p>	<p><b>VP</b>  <b>WOLFPACK</b></p>

## Table 2



Sample Location	Sample Depth (BGS)	Sample Date	Soil Status	Method: EPA SW 846-8021B, 5030					Method: 8015M			Total TPH C <sub>6</sub> -C <sub>12</sub> (mg/Kg)	E 300 Chloride (mg/Kg)
				Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl- Benzene (mg/Kg)	Total Xylenes (mg/Kg)	Total Btex (mg/Kg)	Gro C <sub>6</sub> -C <sub>12</sub> (mg/Kg)	Dro C <sub>12</sub> -C <sub>28</sub> (mg/Kg)	EXT Dro C <sub>28</sub> -C <sub>35</sub> (mg/Kg)		
<b>Area 1</b>													
Area 1 V1	4'	1/12/2022	In-Situ	1.37	27	35.9	139	203.27	3530	16100	1930	21560	16
	8'	1/12/2022	In-Situ	1	48.1	94.7	189	332.8	4530	12900	1410	18840	16
	12'	1/12/2022	In-Situ	1.32	33.4	45.9	134	214.62	3890	9420	797	14107	16
	15'	1/12/2022	In-Situ	2.82	69.5	68	209	349.32	4360	9990	845	15195	16
	17'	2/28/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	49.5	69.5	16
	19'	2/28/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	48
Area 1 H1	2'	1/12/2022	In-Situ	0.05	9.02	27.2	90.6	126.87	2700	8790	744	12234	32
	4'	1/12/2022	In-Situ	0.05	18	42.2	135	195.25	2590	7190	620	10400	16
Area 1 H1.1	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 1 H2	2'	1/12/2022	In-Situ	0.05	0.112	0.071	0.15	0.383	10	10	10	30	16
	4'	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
Area 1 H2.1	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 1 H3	2'	1/12/2022	In-Situ	0.05	8.13	14.7	45.1	67.98	1920	8230	700	10850	32
	4'	1/12/2022	In-Situ	0.05	9.94	12	42.4	64.39	1600	4560	407	6567	32
Area 1 H3.1	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 1 H4	2'	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 1 H4.1	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
<b>Area 2</b>													
AREA 2 V2	4'	1/12/2022	In-Situ	0.954	43.5	51.5	146	241.954	3590	8660	837	13087	16
	8'	1/12/2022	In-Situ	0.866	23.7	22.6	58.2	105.366	1720	4090	407	6217	16
	12'	1/12/2022	In-Situ	1.12	25.2	20.6	59.3	106.22	1840	4360	428	6628	16
	15'	1/12/2022	In-Situ	1.18	27.9	22.8	69.7	121.58	2090	4940	465	7495	16
	17'	2/28/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	30.7	50.7	48
	19'	2/28/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
Area 2 H1	2'	2/12/2022	In-Situ	1	10.9	16.3	67.1	95.3	2650	8140	648	11438	32
	4'	2/12/2022	In-Situ	1	14.7	19.5	76	111.2	3020	8760	671	12451	64
Area 2 H1.1	2'	2/12/2022	In-Situ	0.05	0.078	0.05	0.15	0.328	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2 H2	2'	2/12/2022	In-Situ	1	12.6	15.3	61.3	90.2	2550	7760	704	11014	32
	4'	2/12/2022	In-Situ	1	26	26.3	97.7	151	3740	9410	846	13996	16
Area 2 H2.1	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2 H3	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2 H3.1	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2 H4	2'	2/12/2022	In-Situ	0.073	1.42	1.82	9.95	13.263	442	14300	1640	16382	864
	4'	2/12/2022	In-Situ	0.232	4.92	5.31	23.3	33.762	976	18500	2140	21616	496
Area 2 H4.1	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2 H5	2'	2/12/2022	In-Situ	0.339	15.4	17.2	59	91.939	2140	7900	836	10876	32
	4'	2/12/2022	In-Situ	0.317	14.1	15.3	52.8	82.517	1490	5710	553	7753	32
Area 2 H5.1	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2 H6	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	58.2	10	78.2	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	48
Area 2 H6.1	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
Area 2 H7	2'	2/12/2022	In-Situ	1	13.1	18.2	70.7	103	2720	7990	645	11355	80
	4'	2/12/2022	In-Situ	0.2	6.83	11.4	42.9	61.33	1540	5260	461	7261	48
Area 2 H7.1													
Area 2 H8	2'	2/12/2022	In-Situ	0.2	2.94	0.2	27.1	30.44	1270	4190	621	6081	624
	4'	2/12/2022	In-Situ	0.2	7.47	2.75	34	44.42	1290	3600	524	5414	704
Area 2 H8.1													



Sample Location	Sample Depth (BGS)	Sample Date	Soil Status	Method: EPA SW 846-8021B, 5030					Method: 8015M			Total TPH C <sub>6</sub> -C <sub>12</sub> (mg/Kg)	E 300 Chloride (mg/Kg)
				Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl- Benzene (mg/Kg)	Total Xylenes (mg/Kg)	Total Btex (mg/Kg)	Gro C <sub>6</sub> -C <sub>12</sub> (mg/Kg)	Dro C <sub>12</sub> -C <sub>28</sub> (mg/Kg)	EXT Dro C <sub>28</sub> -C <sub>35</sub> (mg/Kg)		
Area 2 H9	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
	6'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2 H10	2'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
	4'	2/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2 H11	2'	2/12/2022	In-Situ	0.54	24.6	27.3	99.5	151.94	3430	7220	793	11443	16
	4'	2/12/2022	In-Situ	0.745	31.9	31.1	107	170.745	3200	6710	595	10505	16
Area 2 H11.1													
<b>Over Spray Area</b>													
#1	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#1.1	1.6	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	48
#2	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#2.1	1.6	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#3	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#3.1	1.6	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#4	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#4.1	1.6	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	48
#5	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#5.1	1.6	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
#6	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#6.1	1.6	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#7	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#7.1	1.6	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	48
#8	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	12.6	10	32.6	80
#8.1	1.6	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
#9	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
#9.1	1.6	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#10	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#10.1	1.6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#11	6"	1/12/2022	In-Situ	0.176	3.81	1.5	4.44	9.926	10	9270	1910	11190	672
#11.1	1'6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#12	6"	1/12/2022	In-Situ	0.05	0.459	0.469	1.7	2.678	44.1	2380	498	2922.1	224
#12.1	1'6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	176
#13	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	111	28.9	149.9	64
#13.1	1'6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
#14	6"	1/12/2022	In-Situ	0.05	0.5	0.05	0.15	0.75	10	10	10	30	16
#14.1	1'6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#15	6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
#15.1	1'6"	1/12/2022	In-Situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16

**TABLE 2**  
**Summary of Soil Sample Laboratory Analytical Results**  
**ETC Texas Pipeline, Ltd.**  
**Trunk 2C Pipeline**  
**NMOCD Ref. #: nAPP212585353**

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
<b>Horizontal Delineation Samples</b>											
A2 H7-1	10/24/2023	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
A2-H7-1	10/24/2023	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2-H8-1	10/24/2023	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2-H8-1	10/24/2023	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 H11-1	10/24/2023	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 H11-1	10/24/2023	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
OS HZ 1	10/24/2023	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	10/24/2023	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
OS HZ 2	10/24/2023	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	10/24/2023	2'	In-Situ	<0.050	<0.300	<10.0	47.8	47.8	<10.1	47.8	16
OS HZ3	10/24/2023	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	10/24/2023	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
OS HZ4	10/24/2023	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	10/24/2023	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
OS HZ5	10/24/2023	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	10/24/2023	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
OS HZ6	10/24/2023	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	10/24/2023	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

**NOTES:**

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**Bold** text denotes a concentration that exceeds the NMOCD Closure Criteria

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**Summary of Soil Sample Laboratory Analytical Results**  
**ETC Texas Pipeline, Ltd.**  
**Trunk 2C Pipeline**  
**NMOCD Ref. #: nAPP212585353**

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
<b>Area 1 Confirmation Closure Samples</b>											
A1 BH 1	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	0.0	<10.0	0.0	16
A1 BH 2	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	0.0	<10.0	0.0	<16.0
A1 BH 3	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	19.9	19.9	<10.0	19.9	16
A1 BH 4	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	422	422.0	76.8	498.8	16
A1 BH 5	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	18	18.2	<10.0	18.2	32
A1 BH 6	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	105	105.0	13.6	118.6	32
A1 BH 7	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	11.6	11.6	<10.0	11.6	16
A1 BH 8	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	106	106.0	13.2	119.2	16
A1 BH 9	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	0.0	<10.0	0.0	16
A1 BH 10	10/25/23	6'	Excavated	<0.050	0.628	24.9	482	506.9	112	618.9	32
A1 BH 11	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	162	162.0	24.5	186.5	16
A1 BH 12	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	500	500.0	105	605.0	32
<b>A1 BH 13</b>	<b>10/25/23</b>	<b>6'</b>	<b>Excavated</b>	<b>&lt;0.050</b>	<b>5.77</b>	<b>480</b>	<b>2410</b>	<b>2890.0</b>	<b>494</b>	<b>3384.0</b>	<b>32</b>
A1 BH 14	10/25/23	6'	Excavated	<0.050	1.53	71.4	825	896.4	163	1059.4	32
A1 BH 15	10/25/23	6'	Excavated	<0.050	6.14	21	228	249.0	29.4	278.4	48
<b>A1 BH 16</b>	<b>10/25/23</b>	<b>6'</b>	<b>Excavated</b>	<b>&lt;0.050</b>	<b>6.07</b>	<b>515</b>	<b>3330</b>	<b>3845.0</b>	<b>716</b>	<b>4561.0</b>	<b>32</b>
A1 BH 17	10/25/23	6'	Excavated	<0.050	5.31	252	1680	1932.0	373	2305.0	80
A1 BH 18	10/25/23	6'	Excavated	<0.050	1.87	129	874	1003.0	144	1147.0	64
A1 BH 19	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	14.7	14.7	<10.0	14.7	32
A1 BH 20	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
A1 SW 1	10/25/23		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
A1 SW 2	10/25/23		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
A1 SW 3	10/25/23		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
A1 SW 4	10/25/23		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
A1 SW 5	10/25/23		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
A1 SW 6	10/25/23		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
A1 SW 7	10/25/23		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
A1 SW 8	10/25/23		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
A1 SW 9	10/25/23		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

**NOTES:**

- = Sample not analyzed for that constituent.

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**Summary of Soil Sample Laboratory Analytical Results**  
**ETC Texas Pipeline, Ltd.**  
**Trunk 2C Pipeline**  
**NMOCD Ref. #: nAPP212585353**

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
<b>Area 2 Confirmation Closure Samples</b>											
<b>A2 BH 1</b>	<b>10/25/23</b>	<b>6'</b>	<b>Excavated</b>	<b>&lt;0.050</b>	<b>8.34</b>	<b>491.00</b>	<b>2670.0</b>	<b>3161.0</b>	<b>519.0</b>	<b>3680.0</b>	<b>160.0</b>
A2 BH 2	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 3	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	209.0	209.0	27.2	236.2	32.0
A2 BH 4	10/25/23	6'	Excavated	<0.050	2.88	228.00	1810.0	2038.0	336.0	2374.0	32.0
A2 BH 5	10/25/23	6'	Excavated	<0.050	4.22	129.00	1240.0	1369.0	229.0	1598.0	160.0
A2 BH 6	10/25/23	6'	Excavated	<0.050	2.81	161.00	1420.0	1581.0	290.0	1871.0	16.0
A2 BH 7	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	112.0	112.0	11.9	123.9	32.0
A2 BH 8	10/25/23	6'	Excavated	<0.050	3.53	218.00	1100.0	1318.0	188.0	1506.0	288.0
A2 BH 9	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	64.4	64.4	<10.0	64.4	16.0
A2 BH 10	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	74.7	74.7	<10.0	74.7	32.0
A2 BH 11	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	136.0	136.0	10.9	146.9	48.0
<b>A2 BH 12</b>	<b>10/25/23</b>	<b>6'</b>	<b>Excavated</b>	<b>&lt;0.050</b>	<b>10.70</b>	<b>724.00</b>	<b>4930.0</b>	<b>5654.0</b>	<b>896.0</b>	<b>6550.0</b>	<b>64.0</b>
A2 BH 13	10/25/23	6'	Excavated	<0.050	<0.300	20.30	558.0	578.3	125.0	703.3	16.0
A2 BH 14	10/25/23	6'	Excavated	<0.050	<0.300	13.40	320.0	333.4	51.6	385.0	32.0
A2 BH 15	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 16	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 17	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 18	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
A2 BH 19	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 20	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 21	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 22	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 23	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
A2 BH 24	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 25	10/25/23	6'	Excavated	<0.050	<0.050	<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

**TABLE 2**  
**Summary of Soil Sample Laboratory Analytical Results**  
**ETC Texas Pipeline, Ltd.**  
**Trunk 2C Pipeline**  
**NMOCD Ref. #: nAPP212585353**

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
A2 BH 26	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 27	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
A2 BH 28	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 29	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 30	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
A2 BH 31	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
A2 BH 32	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
A2 BH 33	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	68.6	68.6	19.1	87.7	16.0
A2 BH 34	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
<b>A2 BH 35</b>	<b>10/25/23</b>	<b>6'</b>	<b>Excavated</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>	<b>240.00</b>	<b>7320.0</b>	<b>7560.0</b>	<b>1460.0</b>	<b>9020.0</b>	<b>80.0</b>
A2 BH 36	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 37	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
A2 BH 38	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
A2 BH 39	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
A2 BH 40	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
A2 BH 41	10/25/23	6'	Excavated	<0.050	<0.300	<10.0	48.4	48.4	11.3	59.7	16.0
A2 BH 42	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 BH 43	10/25/23	6'	Excavated	<0.050	<0.050	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
A2 SW 1	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	0.00	<10.0	<10.0	16.00
A2 SW 2	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
A2 SW 3	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.00
A2 SW 4	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.00
A2 SW 5	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.00
A2 SW 6	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.00
A2 SW 7	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
A2 SW 8	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.00
A2 SW 9	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.00
A2 SW10	10/25/2023		Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
<b>Overspray Closure Samples</b>											
OS BH 1	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	16.00
OS BH 2	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 3	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 4	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 5	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 6	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 7	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 8	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 9	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 10	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00

NOTES: OS BH 10  
 - = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

**TABLE 2**  
**Summary of Soil Sample Laboratory Analytical Results**  
**ETC Texas Pipeline, Ltd.**  
**Trunk 2C Pipeline**  
**NMOCD Ref. #: nAPP212585353**

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
OS BH 11	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 12	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 13	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 14	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 15	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 16	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 17	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 18	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 19	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 20	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 21	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 22	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 23	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 24	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 25	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	32.00
OS BH 26	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	16.00
OS BH 27	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	16.00
OS BH 28	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	16.00
OS BH 29	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	32.00
OS BH 30	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 31	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 32	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 33	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 34	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 35	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 36	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 37	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 38	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 39	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00
OS BH 40	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.00

**NOTES:**

- = Sample not analyzed for that constituent.

**Bold** text denotes a concentration that exceeds the NMOCD Closure Criteria

**TABLE 2**  
**Summary of Soil Sample Laboratory Analytical Results**  
**ETC Texas Pipeline, Ltd.**  
**Trunk 2C Pipeline**  
**NMOCD Ref. #: nAPP212585353**

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
OS BH 41	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 42	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 43	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 44	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 45	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 46	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 47	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 48	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	16.00
OS BH 49	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 50	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	32.00
OS BH 51	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 52	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 53	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 54	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 55	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 56	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 57	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 58	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS BH 59	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	16.00
OS BH 60	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	32.00
OS BH 61	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	32.00
OS BH 62	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	32.00
OS BH 63	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	16.00
OS SW1	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS SW2	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS SW3	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS SW4	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS SW5	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS SW6	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS SW7	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS SW8	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	16.00
OS SW9	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0
OS SW10	10/27/2023	1"-6"	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	0.00	<16.0

**NOTES:**

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**Bold** text denotes a concentration that exceeds the NMOCD Closure Criteria

# **Attachment I Site Photographs**



# Photographs

Photo: 1	Description: Before
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Photo: 2	Description:
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# Photographs

Photo: 3 Description:

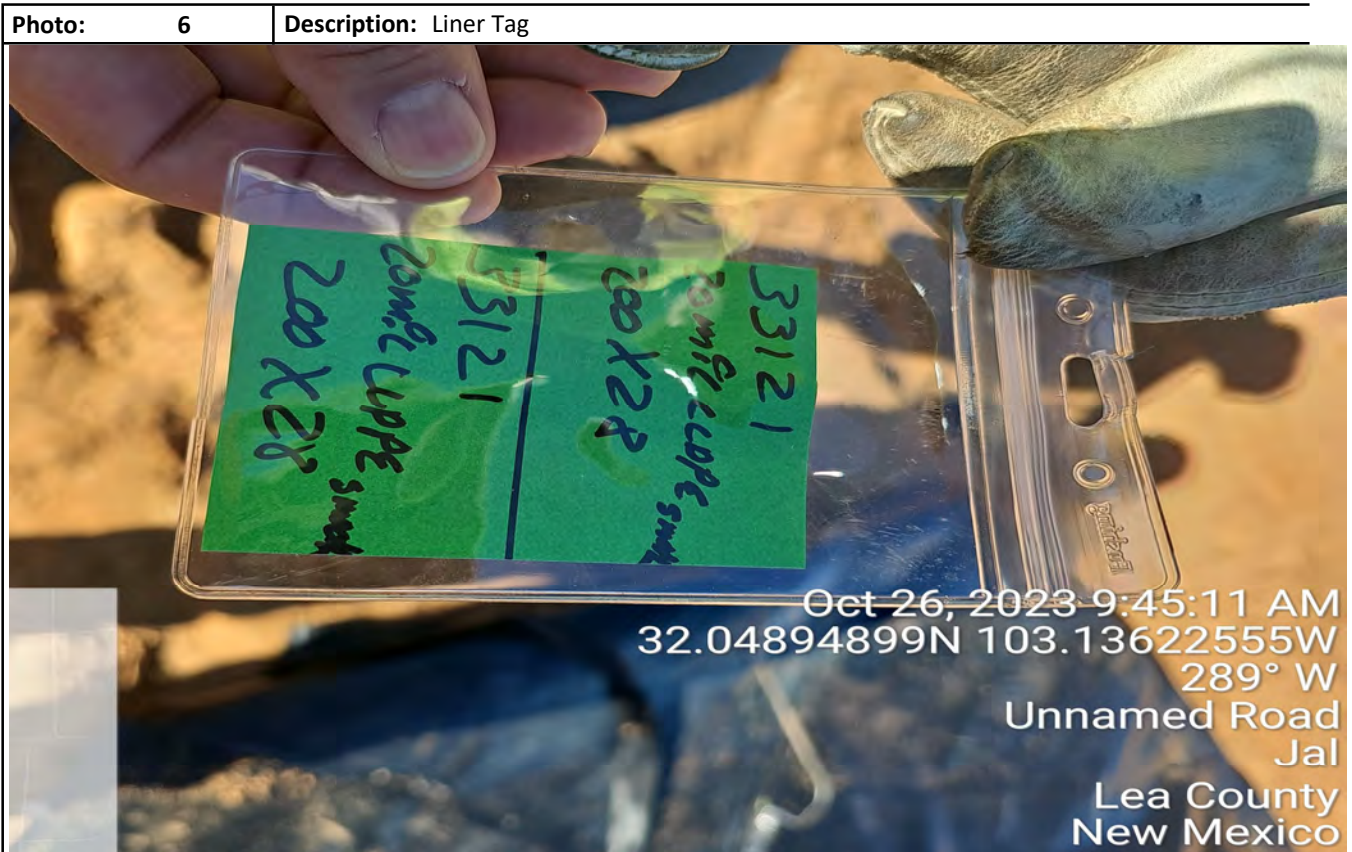


Photo: 4 Description:





### Photographs





# Photographs

Photo: 7 Description: 20 Mil Liner

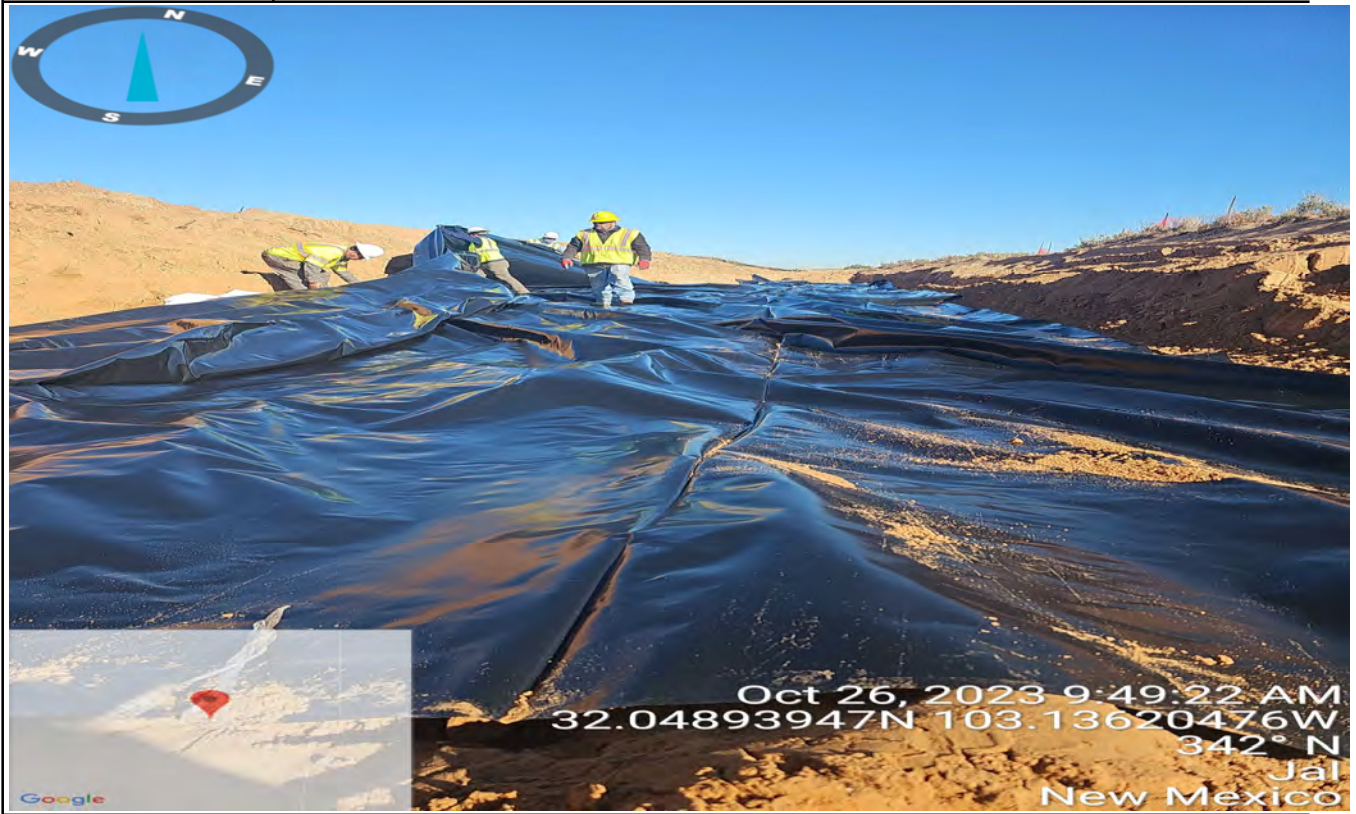


Photo: 8 Description: Liner





# Photographs

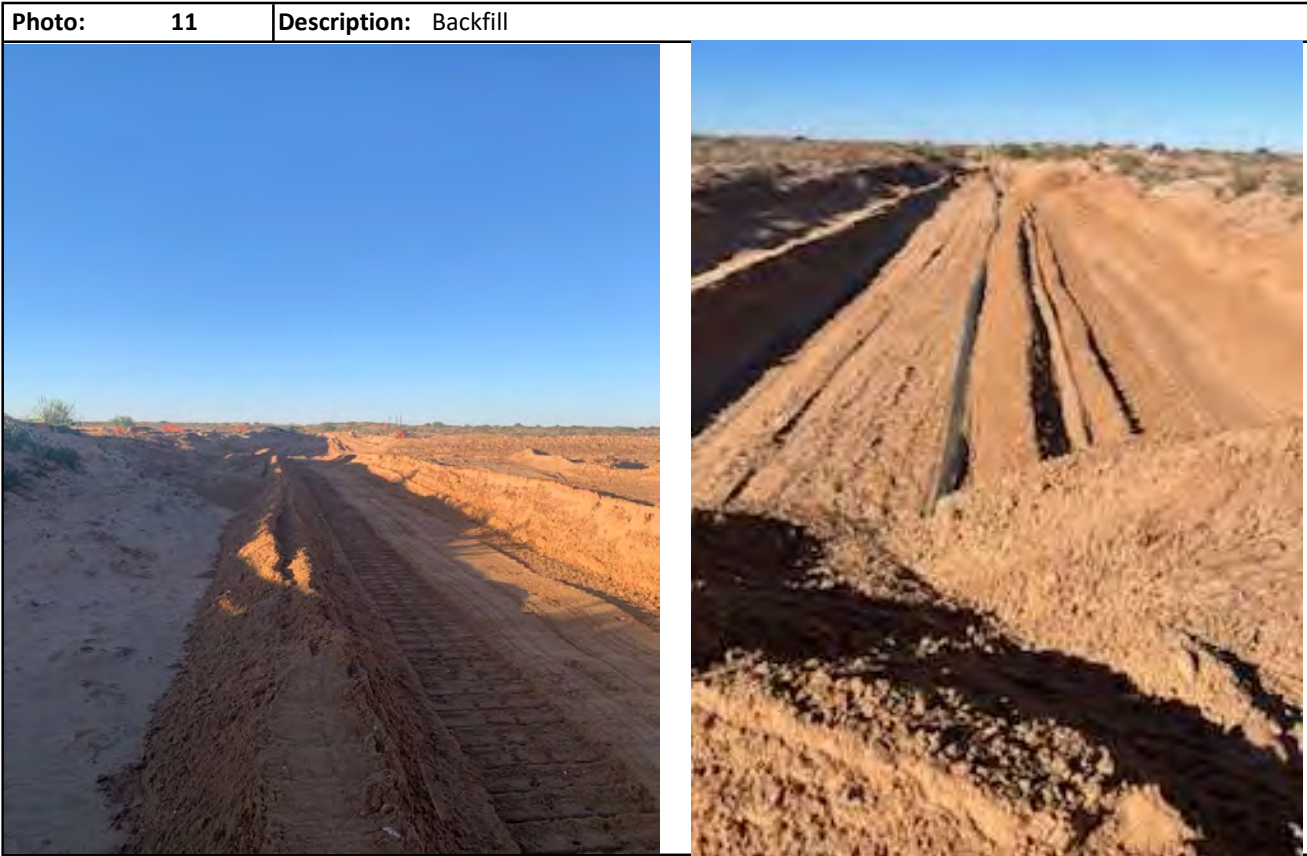
Photo: 9 | Description: Liner install



Photo: 10 | Description: Backfilling



### Photographs





# Photographs

**Photo:** 1      **Description:** Backfill



**Photo:** 2      **Description:** Backfill



## **Attachment II**

### **Depth to Groundwater**





# 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)	
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
	CP 00574 POD1	1	1	4	14	26S	37E	676319	3546651*

<b>Driller License:</b> 861	<b>Driller Company:</b> CACTUS DRILLING CO.	
<b>Driller Name:</b> KEN HEDRICK		
<b>Drill Start Date:</b> 11/30/1978	<b>Drill Finish Date:</b> 12/21/1978	<b>Plug Date:</b>
<b>Log File Date:</b> 01/04/1980	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b> 7.00	<b>Depth Well:</b> 4600 feet	<b>Depth Water:</b> 4394 feet

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	4394	4500

\*UTM location was derived from PLSS - see Help

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

3/29/22 3:16 PM

POINT OF DIVERSION SUMMARY



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USGS Water Resources

Data Category: Groundwater    Geographic Area: United States    GO

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Groundwater levels for the Nation

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**Search Results -- 1 sites found**

Agency code = usgs  
 site\_no list = 

- 320251103071401

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

**USGS 320251103071401 26S.37E.12.33243**

Lea County, New Mexico  
 Latitude 32°03'08.7", Longitude 103°07'15.5" NAD83  
 Land-surface elevation 3,004.20 feet above NGVD29  
 The depth of the well is 160 feet below land surface.  
 This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.  
 This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measu
1953-02-16			D 62610		2901.95	NGVD29	1	Z		
1953-02-16			D 62611		2903.27	NAVD88	1	Z		
1953-02-16			D 72019	102.25			1	Z		
1970-12-02			D 62610		2903.14	NGVD29	1	Z		
1970-12-02			D 62611		2904.46	NAVD88	1	Z		
1970-12-02			D 72019	101.06			1	Z		
1976-06-10			D 62610		2903.68	NGVD29	1	Z		
1976-06-10			D 62611		2905.00	NAVD88	1	Z		
1976-06-10			D 72019	100.52			1	Z		
1981-03-13			D 62610		2904.63	NGVD29	1	Z		
1981-03-13			D 62611		2905.95	NAVD88	1	Z		
1981-03-13			D 72019	99.57			1	Z		
1986-03-05			D 62610		2905.30	NGVD29	1	Z		
1986-03-05			D 62611		2906.62	NAVD88	1	Z		
1986-03-05			D 72019	98.90			1	Z		
1990-11-14			D 62610		2906.18	NGVD29	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 measu
1990-11-14			D	62611		2907.50	NAVD88	1	Z	
1990-11-14			D	72019	98.02			1	Z	
1996-02-28			D	62610		2906.64	NGVD29	1	S	
1996-02-28			D	62611		2907.96	NAVD88	1	S	
1996-02-28			D	72019	97.56			1	S	
2001-03-06			D	62610		2906.95	NGVD29	1	S	
2001-03-06			D	62611		2908.27	NAVD88	1	S	
2001-03-06			D	72019	97.25			1	S	
2006-02-08	18:12 UTC		m	62610		2907.07	NGVD29	1	S	USGS
2006-02-08	18:12 UTC		m	62611		2908.39	NAVD88	1	S	USGS
2006-02-08	18:12 UTC		m	72019	97.13			1	S	USGS
2011-01-13	18:10 UTC		m	62610		2908.24	NGVD29	P	S	USGS
2011-01-13	18:10 UTC		m	62611		2909.56	NAVD88	P	S	USGS
2011-01-13	18:10 UTC		m	72019	95.96			P	S	USGS
2016-01-05	21:43 UTC		m	62610		2908.64	NGVD29	1	S	USGS
2016-01-05	21:43 UTC		m	62611		2909.96	NAVD88	1	S	USGS
2016-01-05	21:43 UTC		m	72019	95.56			1	S	USGS
2021-01-26	21:36 UTC		m	62610		2908.90	NGVD29	1	S	USGS
2021-01-26	21:36 UTC		m	62611		2910.22	NAVD88	1	S	USGS
2021-01-26	21:36 UTC		m	72019	95.30			1	S	USGS
2022-01-25	16:50 UTC		m	62610		2908.55	NGVD29	P	S	USGS
2022-01-25	16:50 UTC		m	62611		2909.87	NAVD88	P	S	USGS
2022-01-25	16:50 UTC		m	72019	95.65			P	S	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.
Water-level approval status	P	Provisional data subject to revision.

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**Title: Groundwater for USA: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**

Page Contact Information: [USGS Water Data Support Team](#)

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0.35 0.28 nadww02





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## National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

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# USGS 320309103080401 26S.37E.14.122122

Available data for this site

### Well Site

#### DESCRIPTION:

Latitude 32°03'01", Longitude 103°08'05" NAD27  
 Lea County, New Mexico , Hydrologic Unit 13070007  
 Well depth: 131 feet  
 Land surface altitude: 2,998.90 feet above NGVD29.  
 Well completed in "Pecos River Basin alluvial aquifer" (N100PCSRVR) national aquifer.  
 Well completed in "Alluvium, Bolson Deposits and Other Surface Deposits" (110AVMB) local aquifer

#### AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
<a href="#">Field groundwater-level measurements</a>	1953-02-17	2001-03-06	11
<a href="#">Revisions</a>	Unavailable (site:0) (timeseries:0)		

#### OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center  
 Email questions about this site to [New Mexico Water Science Center Water-Data Inquiries](#)

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**Title: NWIS Site Information for USA: Site Inventory**

**URL: [https://waterdata.usgs.gov/nwis/inventory?  
agency\\_code=USGS&site\\_no=320309103080401](https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=320309103080401)**



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0.32 0.29 vaww01



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: United States

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Groundwater levels for the Nation

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**Search Results -- 1 sites found**

Agency code = usgs  
site\_no list = 

- 320309103080401

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

**USGS 320309103080401 26S.37E.14.122122**

Lea County, New Mexico  
Latitude 32°03'01", Longitude 103°08'05" NAD27  
Land-surface elevation 2,998,90 feet above NGVD29  
The depth of the well is 131 feet below land surface.  
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.  
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measu
1953-02-17			D 62610		2898.33	NGVD29	1	Z		
1953-02-17			D 62611		2899.65	NAVD88	1	Z		
1953-02-17			D 72019	100.57			1	Z		
1966-04-12			D 62610		2898.58	NGVD29	1	Z		
1966-04-12			D 62611		2899.90	NAVD88	1	Z		
1966-04-12			D 72019	100.32			1	Z		
1968-02-14			D 62610		2900.02	NGVD29	1	Z		
1968-02-14			D 62611		2901.34	NAVD88	1	Z		
1968-02-14			D 72019	98.88			1	Z		
1970-12-02			D 62610		2899.34	NGVD29	1	Z		
1970-12-02			D 62611		2900.66	NAVD88	1	Z		
1970-12-02			D 72019	99.56			1	Z		
1976-01-06			D 62610		2899.99	NGVD29	1	Z		
1976-01-06			D 62611		2901.31	NAVD88	1	Z		
1976-01-06			D 72019	98.91			1	Z		
1976-02-05			D 62610		2899.89	NGVD29	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 measu
1976-02-05		D	62611		2901.21	NAVD88	1	Z		
1976-02-05		D	72019	99.01			1	Z		
1981-03-13		D	62610		2900.99	NGVD29	1	Z		
1981-03-13		D	62611		2902.31	NAVD88	1	Z		
1981-03-13		D	72019	97.91			1	Z		
1986-03-05		D	62610		2901.77	NGVD29	1	Z		
1986-03-05		D	62611		2903.09	NAVD88	1	Z		
1986-03-05		D	72019	97.13			1	Z		
1990-11-14		D	62610		2902.56	NGVD29	1	Z		
1990-11-14		D	62611		2903.88	NAVD88	1	Z		
1990-11-14		D	72019	96.34			1	Z		
1996-02-28		D	62610		2903.17	NGVD29	1	S		
1996-02-28		D	62611		2904.49	NAVD88	1	S		
1996-02-28		D	72019	95.73			1	S		
2001-03-06		D	62610		2903.45	NGVD29	1	S		
2001-03-06		D	62611		2904.77	NAVD88	1	S		
2001-03-06		D	72019	95.45			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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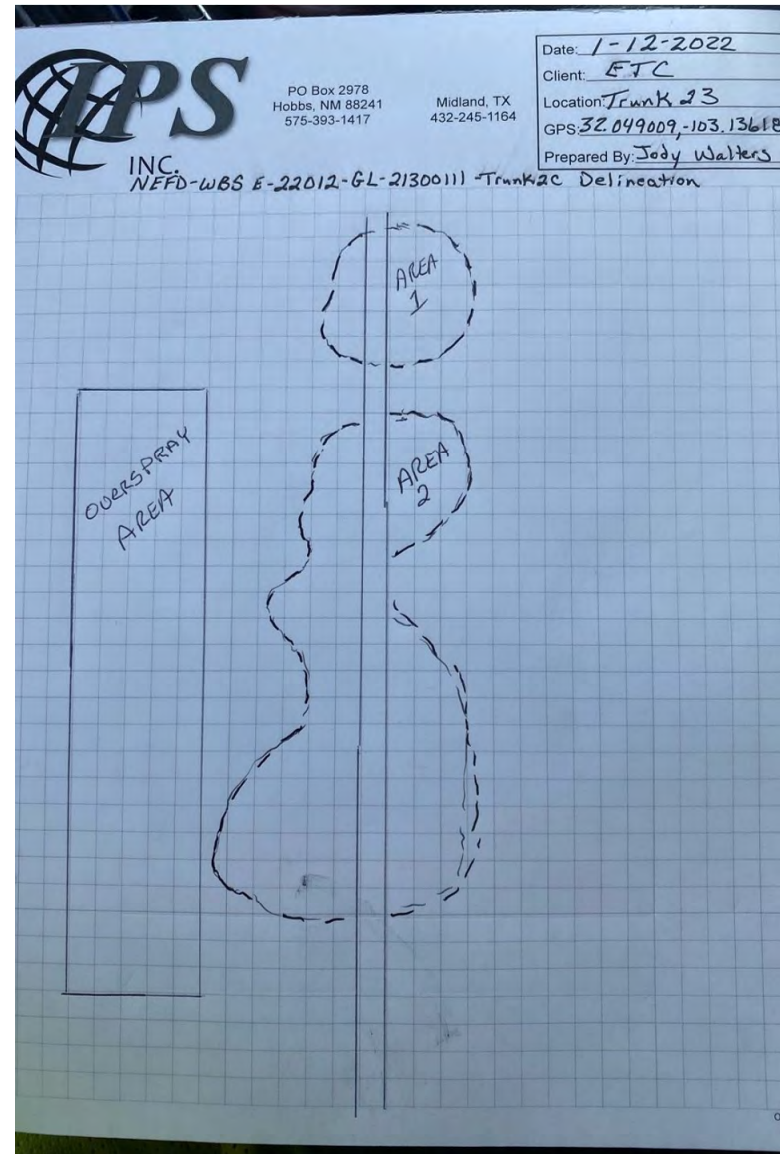
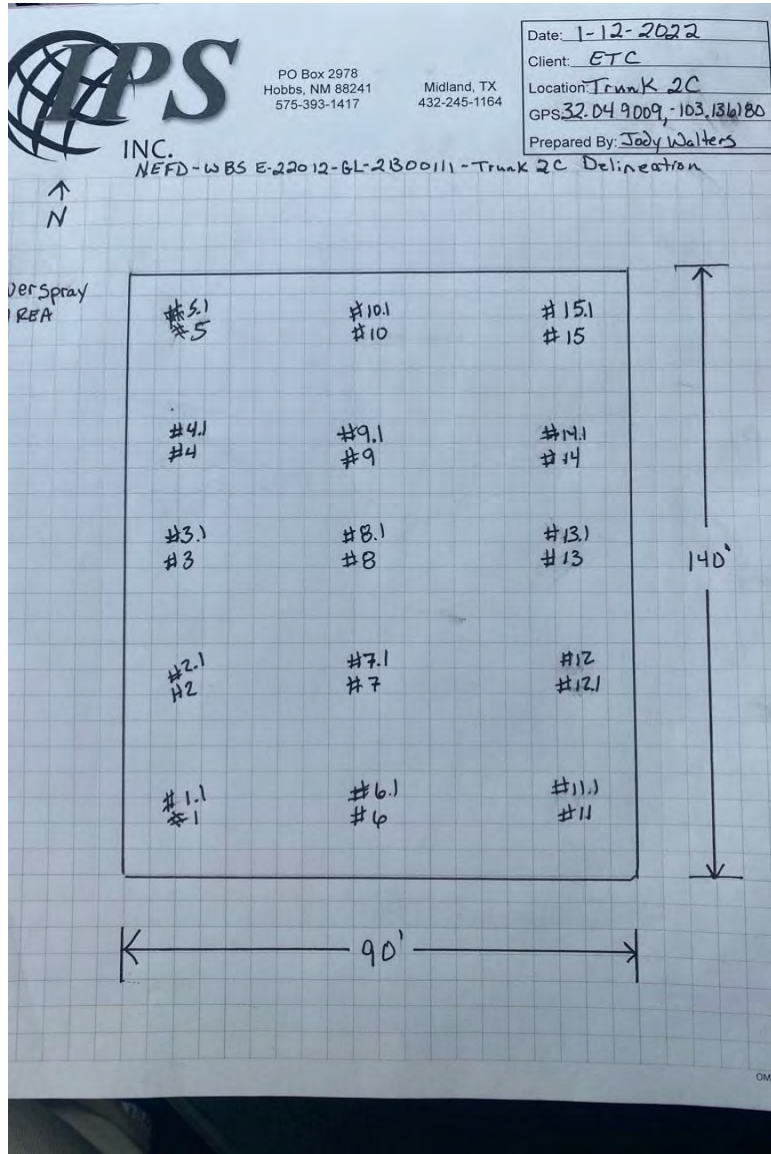
U.S. Department of the Interior | U.S. Geological Survey  
**Title: Groundwater for USA: Water Levels**  
**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**

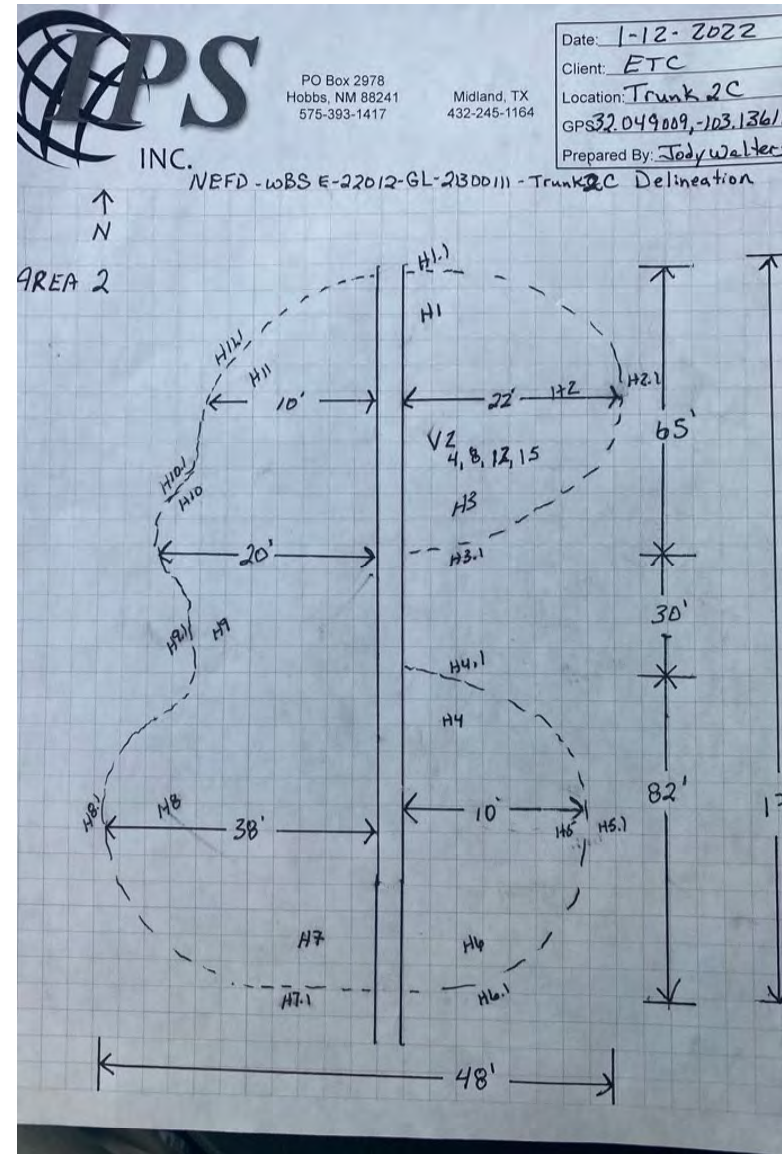
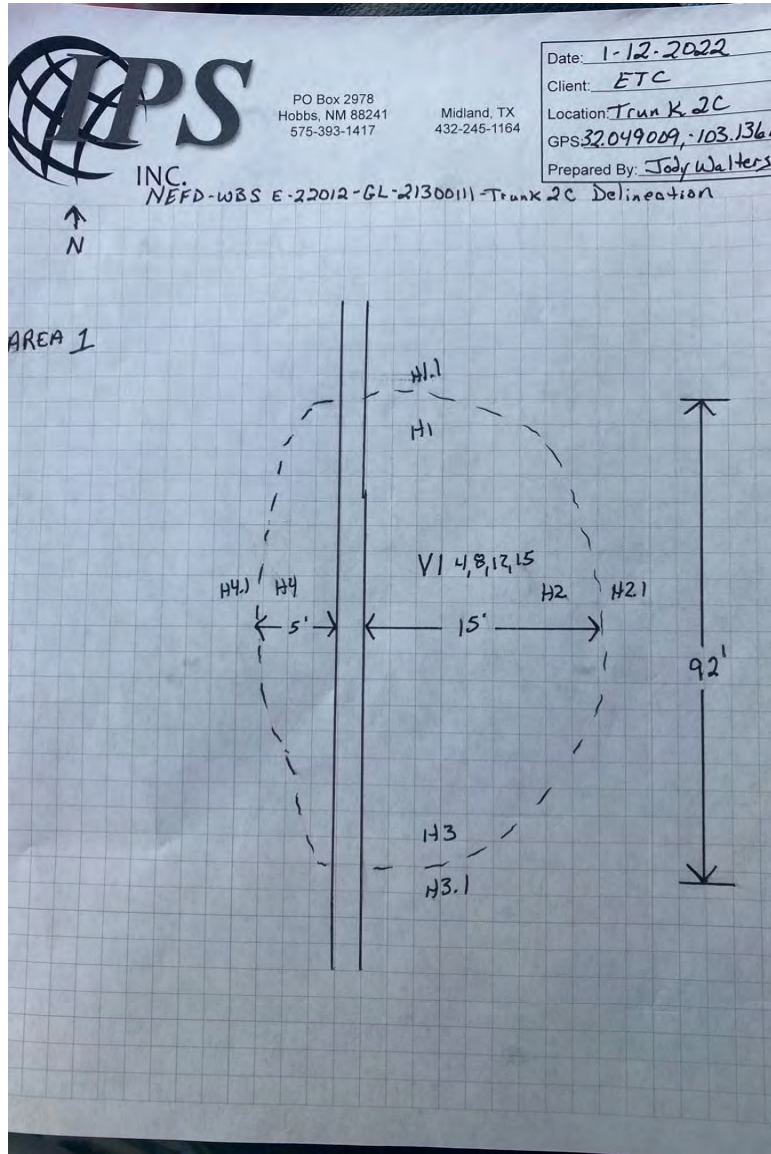


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 0.28 0.25 nadww02



## Attachment III Field Data







\* Horizontal delineation Complete for Closure

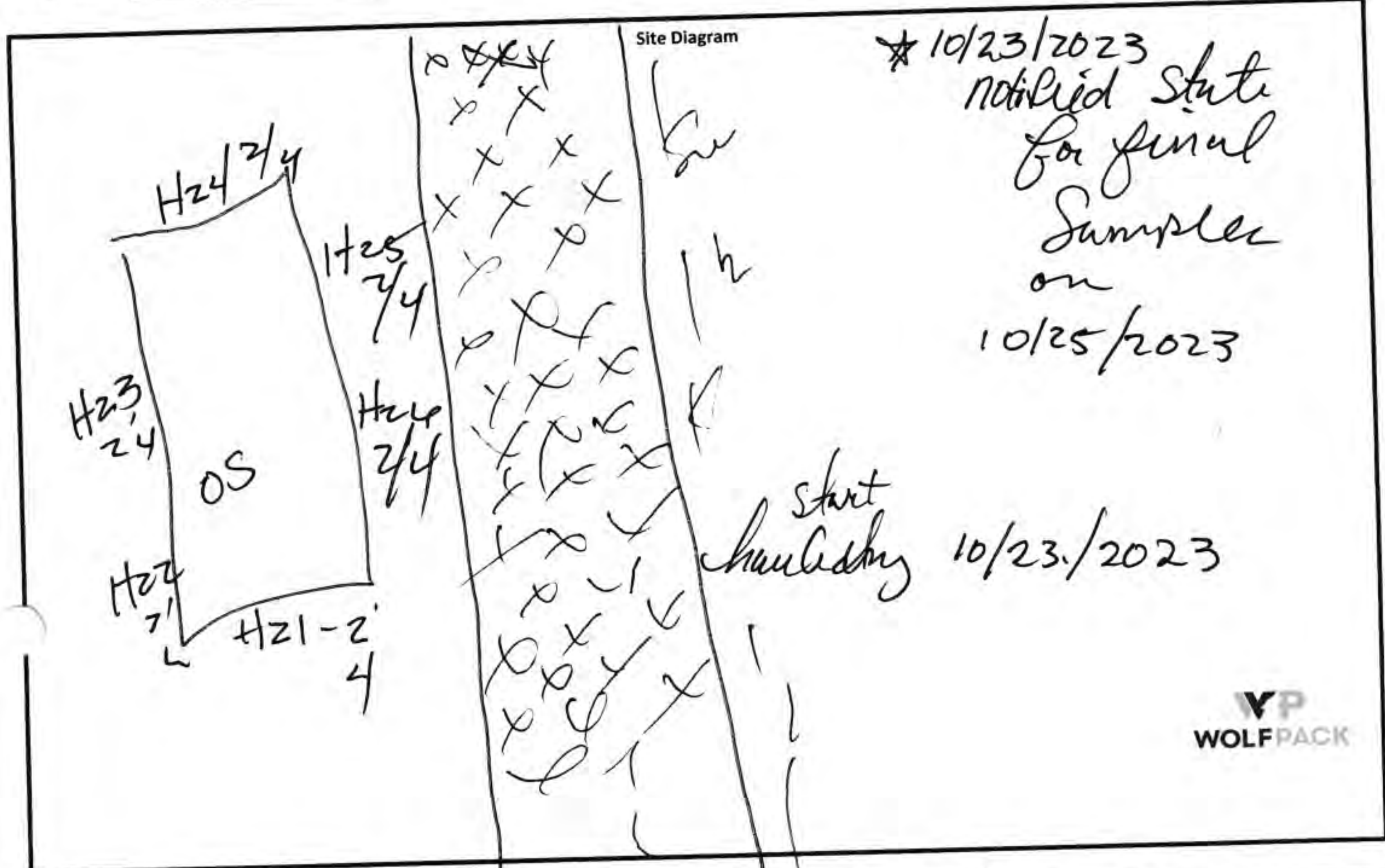


### Initial Site Assessment

Date: 10/24/23

Project: ETC- Trunk 2C  
Latitude: \_\_\_\_\_

Clean Up Level: \_\_\_\_\_  
Longitude: \_\_\_\_\_



Notes: Collected overspray area Horizontal delineation samples - submit J.Pt, Chlorine, BTEX

- Collected Horizontal delineation samples A2-117-1-2, A2 H-82, A211-2, - submit lab 10/24/23

~Length: OS 140', A1 92', A2 48'  
~Width: OS 90', A1 20', A2 48'  
~Area: \_\_\_\_\_

~Depth: OS 6", A1 6", A2 6", OS

Photos of the affected area?	Yes	No
Samples field screened and on Ice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample field data entered on Sample Log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Horizontal and Vertical delineation achieved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

BH ✓ SW ✓ 200 sqft ✓ YES



HMSS

### Soil Profile

Date: 10/24/23

Project: ETC

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Depth (ft. bgs)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40

Sand

Description

3500 yds  
hauled in  
contoured  
complete  
liner installed  
photos  
complete





# Sample Log

Date: 10/24/23 / 10/25/23

Project: ETC Trunk 2C

Latitude: \_\_\_\_\_

Longitude: \_\_\_\_\_

Sampler: \_\_\_\_\_

Sample ID	Depth	PID/Odor	Chloride	GPS
over spray			<100	
HZ 1	1'		<100	
HZ 1	2'		<100	
HZ 2	1'		<100	[Signature]
HZ 2	2'		<100	
HZ 3	1'		<100	
HZ 3	2'		<100	
HZ 4	1'		<100	
HZ 4	2'		<100	
HZ 5	1'		<100	
HZ 5	2'		<100	
HZ 6	1'		<100	
HZ 6	2'		0	
Area	SW 1	-	-	
a	SW 2	no		
	SW 3	-		
	SW 4	-	<100	
	SW 5	-	<100	
	SW 6	HA	<100	
	SW 7	HA	<100	
	SW 8	HA	<100	
	SW 9	HA	<100	
Area	BH	6' lab		Area BH Lab
11	BH	6' lab		Area BH Lab
	BH	6' lab		Area BH Lab
	BH	6' lab		Area BH Lab
	BH	6' lab		Area BH Lab
	BH	6' lab		Area BH Lab
	BH	6' lab		Area BH Lab
	BH	6' lab		Area BH Lab
	BH	6' lab		Area BH Lab
	BH	6' lab		Area BH Lab

Sample Point = SP1 @ ## etc  
 Floor = FL1 etc  
 Sidewall = SW1 etc

Horizontal = HZ1 etc  
 Refusal = SP1 @ 4'-R  
 GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##  
 Resamples = SP1b @ 5' or SW #1b  
 Stockpile = Stockpile #1





# Sample Log

Project: Trunk 2C ETC  
Latitude: \_\_\_\_\_

Date: 10/24/2023

Longitude: \_\_\_\_\_

Sampler: Lincoln New Co

Sample ID	Depth	PID/Odor	Chloride	GPS
OS H21	2	-	<100	lab 10/24/23
	4	-	<100	lab 10/24/23
OS H22	2	-	<100	lab 10/24/23
	4	-	<100	lab 10/24/23
OS H23	2	-	<100	lab 10/24/23
	4	-	<100	lab 10/24/23
OS H24	2	-	<100	lab 10/24/23
	4	-	<100	lab 10/24/23
OS H25	2	-	<100	lab 10/24/23
	4	-	<100	lab 10/24/23
OS H26	2	-	<100	lab 10/24/23
	4	-	<100	lab 10/24/23
A2 H7.1	2'	-	<100	lab 10/24/23
	4'	-	<100	lab 10/24/23
A2 H8.1	2'	-	<100	lab 10/24/23
	4'	-	<100	lab 10/24/23
A2 H-1	2'	-	<100	lab 10/24/23
	4'	-	<100	lab 10/24/23

Sample Point = SP1 @ ## etc  
Floor = FL1 etc  
Sidewall = SW1 etc

Horizontal = HZ1 etc  
Refusal = SP1 @ 4'-R  
GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##  
Resamples = SP1b @ 5' or SW #1b  
Stockpile = Stockpile #1



Date: \_\_\_\_\_

Project: \_\_\_\_\_

Latitude: \_\_\_\_\_

Longitude: \_\_\_\_\_

Sampler: \_\_\_\_\_

Sample ID	Depth	PID/Odor	Chloride	GPS
OS H21	1'		<100	
H21	2'		<100	
OS H22	1'		400	
H22	2'		<100	
OS H23	1'		<100	
H23	2'		<100	
OS H24	1'		<100	
H24	2'		400	
OS H25	1'		400	
H25	2'		400	
OS H26	1'		40	
H26	2'			
AI BH 1	u	lab		
AI BH 2				
AI BH 3				
AI BH 4				
AI BH-5				
AI-BH-6				
AI-BH-7				
AI-BH-8				
AI-BH-9				
AI-BH-10				
AI-BH-11				
AI-BH-12				
AI-BH-13				
AI-BH-14				
AI-BH-15				
AI-BH-16				
AI-BH-17				
AI-BH-18				

Sample Point = SP1 @ ## etc  
 Floor = FL1 etc  
 Sidewall = SW1 etc

Horizontal = HZ1 etc  
 Refusal = SP1 @ 4'-R  
 GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##  
 Resamples = SP1b @ 5' or SW #1b  
 Stockpile = Stockpile #1



Date: \_\_\_\_\_

Project: \_\_\_\_\_

Latitude: \_\_\_\_\_

Longitude: \_\_\_\_\_

Sampler: \_\_\_\_\_

Sample ID	Depth	PID/Odor	Chloride	GPS
A1-BH-19				
A1-BH-20				
A1-SW-1				
A1-SW-2				
A1-SW-3				
A1-SW-4				
A1-SW-5				
A1-SW-6				
A1-SW-7				
A1-SW-8				
A1-SW-9				
A2-BH-1	60			
A2-BH-2				
A2-BH-3				
A2-BH-4				
A2-BH-5				
A2-BH-6				
A2-BH-7				
A2-BH-8				
A2-BH-9				
A2-BH-10				
A2-BH-11				
A2-BH-12				
A2-BH-13				
A2-BH-14				
A2-BH-15				
A2-BH-16				
A2-BH-17				
A2-BH-18				
A2-BH-19				
A2-BH-20				
A2-BH-21				
A2-BH-22				
A2-BH-23				

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples = SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

*liner  
tag*



# Sample Log



Project: \_\_\_\_\_

Latitude: \_\_\_\_\_

Longitude: \_\_\_\_\_

Sampler: \_\_\_\_\_

Sample ID	Depth	PID/Odor	Chloride	GPS
A2-BH 24	6'			
A2-BH 25	6'			
A2-BH 26	6'			
A2-BH 27	6'			
A2-BH 28	6'			
A2-BH 29	6'			
A2-BH 30	6'			
A2-BH 31	6'			
A2-BH 32	6'			
A2-BH 33	6'			
A2-BH 34	6'			
A2-BH 35	6'			
A2-BH 36	6'			
A2-BH 37	6'			
A2-BH 38	6'			
A2-BH 39	6'			
A2-BH 40	6'			
A2-BH 41	6'			
A2-BH 42	6'			
A2-BH 43	6'			
A2 SW 1	6'			
A2 SW 2	6'			
A2 SW 3	6'			
A3 SW 4	6'			
A4 SW 5	6'			
A5 SW 6	6'			
A6 SW 7	6'			
A7 SW 8	6'			
A8 SW 9	6'			

Smell TPA

Horizontal = HZ1 etc  
Refusal = SP1 @ 4'-R  
GPS Sample Points, Center of Comp Areas

Sample Point = SP1 @ ## etc  
Floor = FL1 etc  
Sidewall = SW1 etc

Test Trench = TT1 @ ##  
Resamples = SP1b @ 5' or SW #1b  
Stockpile = Stockpile #1

Delimitation complete  
AREA1 ✓ yes  
Area2 ✓ yes  
OS ✓ yes

All BH & SW  
200 yft ✓

**Attachment IV**  
**Laboratory Analytical Reports**





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

---

January 17, 2022

DEAN ERICSON  
ENERGY TRANSFER  
P. O. BOX 1226  
JAL, NM 88252

RE: TRUNK 2C DELINEATOR

Enclosed are the results of analyses for samples received by the laboratory on 01/12/22 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 1 6" (H220127-01)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12		
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	180	90.2	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 81.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.0 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 2 6" (H220127-02)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12	
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	180	90.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.3 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 3 6" (H220127-03)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12	
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	180	90.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 4 6" (H220127-04)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12	
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	180	90.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 5 6" (H220127-05)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12	
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	180	90.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 6 6" (H220127-06)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12	
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	180	90.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 7 6" (H220127-07)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12	
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	180	90.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 8 6" (H220127-08)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12	
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82	
<b>DRO &gt;C10-C28*</b>	<b>12.6</b>	10.0	01/13/2022	ND	180	90.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 9 6" (H220127-09)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12		
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	180	90.2	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 80.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 10 6" (H220127-10)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.97	98.4	2.00	7.12	
Toluene*	<0.050	0.050	01/13/2022	ND	1.90	95.1	2.00	7.81	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.92	96.1	2.00	7.61	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.83	97.2	6.00	7.42	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	198	98.8	200	1.82	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	180	90.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 11 6" (H220127-11)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.176</b>	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
<b>Toluene*</b>	<b>3.81</b>	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
<b>Ethylbenzene*</b>	<b>1.50</b>	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
<b>Total Xylenes*</b>	<b>4.44</b>	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
<b>Total BTEX</b>	<b>9.92</b>	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>672</b>	16.0	01/13/2022	ND	400	100	400	3.92	

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*	<200	200	01/13/2022	ND	198	98.8	200	1.82		
<b>DRO &gt;C10-C28*</b>	<b>9270</b>	200	01/13/2022	ND	180	90.2	200	2.89		
<b>EXT DRO &gt;C28-C36</b>	<b>1910</b>	200	01/13/2022	ND						

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 608 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 12 6" (H220127-12)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
<b>Toluene*</b>	<b>0.459</b>	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
<b>Ethylbenzene*</b>	<b>0.469</b>	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
<b>Total Xylenes*</b>	<b>1.70</b>	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
<b>Total BTEX</b>	<b>2.63</b>	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>44.1</b>	10.0	01/13/2022	ND	198	98.8	200	1.82		
<b>DRO &gt;C10-C28*</b>	<b>2380</b>	10.0	01/13/2022	ND	180	90.2	200	2.89		
<b>EXT DRO &gt;C28-C36</b>	<b>498</b>	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 83.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 144 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 13 6" (H220127-13)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	111	10.0	01/13/2022	ND	214	107	200	0.234	QM-07
EXT DRO >C28-C36	28.9	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 14 6" (H220127-14)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 15 6" (H220127-15)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 1.1 1'6" (H220127-16)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 2.1 1'6" (H220127-17)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 3.1 1'6" (H220127-18)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.0 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 4.1 1'6" (H220127-19)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 5.1 1'6" (H220127-20)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25		
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 91.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 6.1 1'6" (H220127-21)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 7.1 1'6" (H220127-22)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 8.1 1'6" (H220127-23)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25		
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 9.1 1'6" (H220127-24)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25		
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 10.1 1'6" (H220127-25)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25		
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 96.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 11.1 1'6" (H220127-26)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25		
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 97.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 12.1 1'6" (H220127-27)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.6 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 13.1 1'6" (H220127-28)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25		
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 99.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.5 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 14.1 1'6" (H220127-29)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25	
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47	
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234	
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: # 15.1 1'6" (H220127-30)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	2.05	103	2.00	4.25		
Toluene*	<0.050	0.050	01/13/2022	ND	2.00	99.8	2.00	4.15		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.97	98.7	2.00	4.17		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.97	99.5	6.00	4.36		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	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	01/13/2022	ND	211	105	200	1.47		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	214	107	200	0.234		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 97.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 V1 4' (H220127-31)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.37</b>	1.00	01/13/2022	ND	1.95	97.3	2.00	3.19	QM-07, QR-03	
<b>Toluene*</b>	<b>27.0</b>	1.00	01/13/2022	ND	1.83	91.7	2.00	10.3	QM-07, QR-03	
<b>Ethylbenzene*</b>	<b>35.9</b>	1.00	01/13/2022	ND	1.93	96.4	2.00	6.88	QM-07	
<b>Total Xylenes*</b>	<b>139</b>	3.00	01/13/2022	ND	6.19	103	6.00	5.92	QM-07	
<b>Total BTEX</b>	<b>204</b>	6.00	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 198 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>3530</b>	100	01/13/2022	ND	211	105	200	1.47		
<b>DRO &gt;C10-C28*</b>	<b>16100</b>	100	01/13/2022	ND	214	107	200	0.234		
<b>EXT DRO &gt;C28-C36</b>	<b>1930</b>	100	01/13/2022	ND						

Surrogate: 1-Chlorooctane 342 % 66.9-136

Surrogate: 1-Chlorooctadecane 404 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 V1 8' (H220127-32)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/13/2022	ND	1.95	97.3	2.00	3.19	
<b>Toluene*</b>	<b>48.1</b>	1.00	01/13/2022	ND	1.83	91.7	2.00	10.3	
<b>Ethylbenzene*</b>	<b>94.7</b>	1.00	01/13/2022	ND	1.93	96.4	2.00	6.88	
<b>Total Xylenes*</b>	<b>189</b>	3.00	01/13/2022	ND	6.19	103	6.00	5.92	
<b>Total BTEX</b>	<b>332</b>	6.00	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 223 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	01/14/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>4530</b>	100	01/14/2022	ND	211	105	200	1.47	
<b>DRO &gt;C10-C28*</b>	<b>12900</b>	100	01/14/2022	ND	214	107	200	0.234	
<b>EXT DRO &gt;C28-C36</b>	<b>1410</b>	100	01/14/2022	ND					

Surrogate: 1-Chlorooctane 368 % 66.9-136

Surrogate: 1-Chlorooctadecane 327 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 V1 12' (H220127-33)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.32</b>	1.00	01/13/2022	ND	1.95	97.3	2.00	3.19		
<b>Toluene*</b>	<b>33.4</b>	1.00	01/13/2022	ND	1.83	91.7	2.00	10.3		
<b>Ethylbenzene*</b>	<b>45.9</b>	1.00	01/13/2022	ND	1.93	96.4	2.00	6.88		
<b>Total Xylenes*</b>	<b>134</b>	3.00	01/13/2022	ND	6.19	103	6.00	5.92		
<b>Total BTEX</b>	<b>215</b>	6.00	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 192 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	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	
<b>GRO C6-C10*</b>	<b>3890</b>	10.0	01/13/2022	ND	196	98.0	200	10.4	QM-07, QR-03	
<b>DRO &gt;C10-C28*</b>	<b>9420</b>	10.0	01/13/2022	ND	211	105	200	0.673	QM-07, QR-03	
<b>EXT DRO &gt;C28-C36</b>	<b>797</b>	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 836 % 66.9-136

Surrogate: 1-Chlorooctadecane 380 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 V1 15' (H220127-34)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.82</b>	1.00	01/13/2022	ND	1.95	97.3	2.00	3.19	
<b>Toluene*</b>	<b>69.5</b>	1.00	01/13/2022	ND	1.83	91.7	2.00	10.3	
<b>Ethylbenzene*</b>	<b>68.0</b>	1.00	01/13/2022	ND	1.93	96.4	2.00	6.88	
<b>Total Xylenes*</b>	<b>209</b>	3.00	01/13/2022	ND	6.19	103	6.00	5.92	
<b>Total BTEX</b>	<b>349</b>	6.00	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 212 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	432	108	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
<b>GRO C6-C10*</b>	<b>4360</b>	10.0	01/13/2022	ND	196	98.0	200	10.4	
<b>DRO &gt;C10-C28*</b>	<b>9990</b>	10.0	01/13/2022	ND	211	105	200	0.673	
<b>EXT DRO &gt;C28-C36</b>	<b>845</b>	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 765 % 66.9-136

Surrogate: 1-Chlorooctadecane 285 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 V2 4' (H220127-35)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.954</b>	0.500	01/13/2022	ND	1.95	97.3	2.00	3.19	
<b>Toluene*</b>	<b>43.5</b>	0.500	01/13/2022	ND	1.83	91.7	2.00	10.3	
<b>Ethylbenzene*</b>	<b>51.5</b>	0.500	01/13/2022	ND	1.93	96.4	2.00	6.88	
<b>Total Xylenes*</b>	<b>146</b>	1.50	01/13/2022	ND	6.19	103	6.00	5.92	
<b>Total BTEX</b>	<b>242</b>	3.00	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 308 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	01/14/2022	ND	432	108	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
<b>GRO C6-C10*</b>	<b>3590</b>	10.0	01/13/2022	ND	196	98.0	200	10.4	
<b>DRO &gt;C10-C28*</b>	<b>8660</b>	10.0	01/13/2022	ND	211	105	200	0.673	
<b>EXT DRO &gt;C28-C36</b>	<b>837</b>	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 650 % 66.9-136

Surrogate: 1-Chlorooctadecane 255 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 V2 8' (H220127-36)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.866</b>	0.500	01/13/2022	ND	1.95	97.3	2.00	3.19	
<b>Toluene*</b>	<b>23.7</b>	0.500	01/13/2022	ND	1.83	91.7	2.00	10.3	
<b>Ethylbenzene*</b>	<b>22.6</b>	0.500	01/13/2022	ND	1.93	96.4	2.00	6.88	
<b>Total Xylenes*</b>	<b>58.2</b>	1.50	01/13/2022	ND	6.19	103	6.00	5.92	
<b>Total BTEX</b>	<b>105</b>	3.00	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 199 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	432	108	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
<b>GRO C6-C10*</b>	<b>1720</b>	10.0	01/13/2022	ND	196	98.0	200	10.4	
<b>DRO &gt;C10-C28*</b>	<b>4090</b>	10.0	01/13/2022	ND	211	105	200	0.673	
<b>EXT DRO &gt;C28-C36</b>	<b>407</b>	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 359 % 66.9-136

Surrogate: 1-Chlorooctadecane 165 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 V2 12' (H220127-37)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.12</b>	0.500	01/13/2022	ND	1.95	97.3	2.00	3.19		
<b>Toluene*</b>	<b>25.2</b>	0.500	01/13/2022	ND	1.83	91.7	2.00	10.3		
<b>Ethylbenzene*</b>	<b>20.6</b>	0.500	01/13/2022	ND	1.93	96.4	2.00	6.88		
<b>Total Xylenes*</b>	<b>59.3</b>	1.50	01/13/2022	ND	6.19	103	6.00	5.92		
<b>Total BTEX</b>	<b>106</b>	3.00	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 188 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	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	
<b>GRO C6-C10*</b>	<b>1840</b>	10.0	01/13/2022	ND	196	98.0	200	10.4		
<b>DRO &gt;C10-C28*</b>	<b>4360</b>	10.0	01/13/2022	ND	211	105	200	0.673		
<b>EXT DRO &gt;C28-C36</b>	<b>428</b>	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 251 % 66.9-136

Surrogate: 1-Chlorooctadecane 171 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 V2 15' (H220127-38)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>1.18</b>	0.500	01/13/2022	ND	1.95	97.3	2.00	3.19	
<b>Toluene*</b>	<b>27.9</b>	0.500	01/13/2022	ND	1.83	91.7	2.00	10.3	
<b>Ethylbenzene*</b>	<b>22.8</b>	0.500	01/13/2022	ND	1.93	96.4	2.00	6.88	
<b>Total Xylenes*</b>	<b>69.7</b>	1.50	01/13/2022	ND	6.19	103	6.00	5.92	
<b>Total BTEX</b>	<b>122</b>	3.00	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 203 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	432	108	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
<b>GRO C6-C10*</b>	<b>2090</b>	10.0	01/13/2022	ND	196	98.0	200	10.4	
<b>DRO &gt;C10-C28*</b>	<b>4940</b>	10.0	01/13/2022	ND	211	105	200	0.673	
<b>EXT DRO &gt;C28-C36</b>	<b>465</b>	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 263 % 66.9-136

Surrogate: 1-Chlorooctadecane 176 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H1 2' (H220127-39)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<1.00	1.00	01/13/2022	ND	1.95	97.3	2.00	3.19		
<b>Toluene*</b>	<b>9.02</b>	1.00	01/13/2022	ND	1.83	91.7	2.00	10.3		
<b>Ethylbenzene*</b>	<b>27.2</b>	1.00	01/13/2022	ND	1.93	96.4	2.00	6.88		
<b>Total Xylenes*</b>	<b>90.6</b>	3.00	01/13/2022	ND	6.19	103	6.00	5.92		
<b>Total BTEX</b>	<b>127</b>	6.00	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 165 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>2700</b>	10.0	01/13/2022	ND	196	98.0	200	10.4		
<b>DRO &gt;C10-C28*</b>	<b>8790</b>	10.0	01/13/2022	ND	211	105	200	0.673		
<b>EXT DRO &gt;C28-C36</b>	<b>744</b>	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 743 % 66.9-136

Surrogate: 1-Chlorooctadecane 271 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H1 4' (H220127-40)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	01/13/2022	ND	1.95	97.3	2.00	3.19		
<b>Toluene*</b>	<b>18.0</b>	0.500	01/13/2022	ND	1.83	91.7	2.00	10.3		
<b>Ethylbenzene*</b>	<b>42.2</b>	0.500	01/13/2022	ND	1.93	96.4	2.00	6.88		
<b>Total Xylenes*</b>	<b>135</b>	1.50	01/13/2022	ND	6.19	103	6.00	5.92		
<b>Total BTEX</b>	<b>195</b>	3.00	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 244 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>2590</b>	10.0	01/13/2022	ND	196	98.0	200	10.4		
<b>DRO &gt;C10-C28*</b>	<b>7190</b>	10.0	01/13/2022	ND	211	105	200	0.673		
<b>EXT DRO &gt;C28-C36</b>	<b>620</b>	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 527 % 66.9-136

Surrogate: 1-Chlorooctadecane 232 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H2 2' (H220127-41)**

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	01/13/2022	ND	1.95	97.3	2.00	3.19		
<b>Toluene*</b>	<b>0.112</b>	0.050	01/13/2022	ND	1.83	91.7	2.00	10.3		
<b>Ethylbenzene*</b>	<b>0.071</b>	0.050	01/13/2022	ND	1.93	96.4	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	6.19	103	6.00	5.92		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 95.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H2 4' (H220127-42)**

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	01/13/2022	ND	1.95	97.3	2.00	3.19		
Toluene*	<0.050	0.050	01/13/2022	ND	1.83	91.7	2.00	10.3		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.93	96.4	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	6.19	103	6.00	5.92		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 95.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H3 2' (H220127-43)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/13/2022	ND	1.95	97.3	2.00	3.19	
<b>Toluene*</b>	<b>8.13</b>	0.500	01/13/2022	ND	1.83	91.7	2.00	10.3	
<b>Ethylbenzene*</b>	<b>14.7</b>	0.500	01/13/2022	ND	1.93	96.4	2.00	6.88	
<b>Total Xylenes*</b>	<b>45.1</b>	1.50	01/13/2022	ND	6.19	103	6.00	5.92	
<b>Total BTEX</b>	<b>68.0</b>	3.00	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 209 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/14/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1920</b>	10.0	01/13/2022	ND	196	98.0	200	10.4	
<b>DRO &gt;C10-C28*</b>	<b>8230</b>	10.0	01/13/2022	ND	211	105	200	0.673	
<b>EXT DRO &gt;C28-C36</b>	<b>700</b>	10.0	01/13/2022	ND					

Surrogate: 1-Chlorooctane 549 % 66.9-136

Surrogate: 1-Chlorooctadecane 269 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H3 4' (H220127-44)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	01/14/2022	ND	1.95	97.3	2.00	3.19		
<b>Toluene*</b>	<b>9.94</b>	0.500	01/14/2022	ND	1.83	91.7	2.00	10.3		
<b>Ethylbenzene*</b>	<b>12.0</b>	0.500	01/14/2022	ND	1.93	96.4	2.00	6.88		
<b>Total Xylenes*</b>	<b>42.4</b>	1.50	01/14/2022	ND	6.19	103	6.00	5.92		
<b>Total BTEX</b>	<b>64.3</b>	3.00	01/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 143 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>1600</b>	10.0	01/13/2022	ND	196	98.0	200	10.4		
<b>DRO &gt;C10-C28*</b>	<b>4560</b>	10.0	01/13/2022	ND	211	105	200	0.673		
<b>EXT DRO &gt;C28-C36</b>	<b>407</b>	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 394 % 66.9-136

Surrogate: 1-Chlorooctadecane 235 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H4 2' (H220127-45)**

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	01/13/2022	ND	1.95	97.3	2.00	3.19		
Toluene*	<0.050	0.050	01/13/2022	ND	1.83	91.7	2.00	10.3		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.93	96.4	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	6.19	103	6.00	5.92		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 99.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H4 4' (H220127-46)**

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	01/13/2022	ND	1.95	97.3	2.00	3.19		
Toluene*	<0.050	0.050	01/13/2022	ND	1.83	91.7	2.00	10.3		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.93	96.4	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	6.19	103	6.00	5.92		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 99.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H1.1 2' (H220127-47)**

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	01/13/2022	ND	1.95	97.3	2.00	3.19		
Toluene*	<0.050	0.050	01/13/2022	ND	1.83	91.7	2.00	10.3		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.93	96.4	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	6.19	103	6.00	5.92		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H1.1 4' (H220127-48)**

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	01/13/2022	ND	1.95	97.3	2.00	3.19		
Toluene*	<0.050	0.050	01/13/2022	ND	1.83	91.7	2.00	10.3		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.93	96.4	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	6.19	103	6.00	5.92		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 97.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H2.1 2' (H220127-49)**

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	01/13/2022	ND	1.95	97.3	2.00	3.19		
Toluene*	<0.050	0.050	01/13/2022	ND	1.83	91.7	2.00	10.3		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.93	96.4	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	6.19	103	6.00	5.92		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H2.1 4' (H220127-50)**

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	01/13/2022	ND	1.95	97.3	2.00	3.19		
Toluene*	<0.050	0.050	01/13/2022	ND	1.83	91.7	2.00	10.3		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.93	96.4	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	6.19	103	6.00	5.92		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H3.1 2' (H220127-51)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.90	95.0	2.00	9.04		
Toluene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	9.45		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.85	92.7	2.00	9.70		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.61	93.5	6.00	9.57		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 98.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H3.1 4' (H220127-52)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.90	95.0	2.00	9.04		
Toluene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	9.45		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.85	92.7	2.00	9.70		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.61	93.5	6.00	9.57		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/13/2022	ND	196	98.0	200	10.4		
DRO >C10-C28*	<10.0	10.0	01/13/2022	ND	211	105	200	0.673		
EXT DRO >C28-C36	<10.0	10.0	01/13/2022	ND						

Surrogate: 1-Chlorooctane 99.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H4.1 2' (H220127-53)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.90	95.0	2.00	9.04	
Toluene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	9.45	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.85	92.7	2.00	9.70	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.61	93.5	6.00	9.57	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	201	101	200	2.55	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	206	103	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 H4.1 4' (H220127-54)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.90	95.0	2.00	9.04		
Toluene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	9.45		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.85	92.7	2.00	9.70		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.61	93.5	6.00	9.57		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	201	101	200	2.55		
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	206	103	200	0.107		
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H1 2' (H220127-55)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<1.00	1.00	01/13/2022	ND	1.90	95.0	2.00	9.04		
<b>Toluene*</b>	<b>10.9</b>	1.00	01/13/2022	ND	1.84	92.2	2.00	9.45		
<b>Ethylbenzene*</b>	<b>16.3</b>	1.00	01/13/2022	ND	1.85	92.7	2.00	9.70		
<b>Total Xylenes*</b>	<b>67.1</b>	3.00	01/13/2022	ND	5.61	93.5	6.00	9.57		
<b>Total BTEX</b>	<b>94.4</b>	6.00	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 150 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>2650</b>	10.0	01/14/2022	ND	201	101	200	2.55		
<b>DRO &gt;C10-C28*</b>	<b>8140</b>	10.0	01/14/2022	ND	206	103	200	0.107		
<b>EXT DRO &gt;C28-C36</b>	<b>648</b>	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 636 % 66.9-136

Surrogate: 1-Chlorooctadecane 254 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H1 4' (H220127-56)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/13/2022	ND	1.90	95.0	2.00	9.04	
<b>Toluene*</b>	<b>14.7</b>	1.00	01/13/2022	ND	1.84	92.2	2.00	9.45	
<b>Ethylbenzene*</b>	<b>19.5</b>	1.00	01/13/2022	ND	1.85	92.7	2.00	9.70	
<b>Total Xylenes*</b>	<b>76.0</b>	3.00	01/13/2022	ND	5.61	93.5	6.00	9.57	
<b>Total BTEX</b>	<b>110</b>	6.00	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	01/14/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>3020</b>	10.0	01/14/2022	ND	201	101	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>8760</b>	10.0	01/14/2022	ND	206	103	200	0.107	
<b>EXT DRO &gt;C28-C36</b>	<b>671</b>	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 663 % 66.9-136

Surrogate: 1-Chlorooctadecane 274 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H2 2' (H220127-57)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/13/2022	ND	1.90	95.0	2.00	9.04	
<b>Toluene*</b>	<b>12.6</b>	1.00	01/13/2022	ND	1.84	92.2	2.00	9.45	
<b>Ethylbenzene*</b>	<b>15.3</b>	1.00	01/13/2022	ND	1.85	92.7	2.00	9.70	
<b>Total Xylenes*</b>	<b>61.3</b>	3.00	01/13/2022	ND	5.61	93.5	6.00	9.57	
<b>Total BTEX</b>	<b>89.2</b>	6.00	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 137 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/14/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>2550</b>	50.0	01/14/2022	ND	201	101	200	2.55		
<b>DRO &gt;C10-C28*</b>	<b>7760</b>	50.0	01/14/2022	ND	206	103	200	0.107		
<b>EXT DRO &gt;C28-C36</b>	<b>704</b>	50.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 678 % 66.9-136

Surrogate: 1-Chlorooctadecane 273 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H2 4' (H220127-58)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<1.00	1.00	01/13/2022	ND	1.90	95.0	2.00	9.04		
<b>Toluene*</b>	<b>26.0</b>	1.00	01/13/2022	ND	1.84	92.2	2.00	9.45		
<b>Ethylbenzene*</b>	<b>26.3</b>	1.00	01/13/2022	ND	1.85	92.7	2.00	9.70		
<b>Total Xylenes*</b>	<b>97.7</b>	3.00	01/13/2022	ND	5.61	93.5	6.00	9.57		
<b>Total BTEX</b>	<b>150</b>	6.00	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 148 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>3740</b>	50.0	01/14/2022	ND	201	101	200	2.55		
<b>DRO &gt;C10-C28*</b>	<b>9410</b>	50.0	01/14/2022	ND	206	103	200	0.107		
<b>EXT DRO &gt;C28-C36</b>	<b>846</b>	50.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 446 % 66.9-136

Surrogate: 1-Chlorooctadecane 301 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H3 2' (H220127-59)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.90	95.0	2.00	9.04		
Toluene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	9.45		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.85	92.7	2.00	9.70		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.61	93.5	6.00	9.57		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2022	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	01/14/2022	ND	201	101	200	2.55		
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	206	103	200	0.107		
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H3 4' (H220127-60)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.90	95.0	2.00	9.04		
Toluene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	9.45		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.85	92.7	2.00	9.70		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.61	93.5	6.00	9.57		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2022	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	01/14/2022	ND	201	101	200	2.55		
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	206	103	200	0.107		
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.0 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H4 2' (H220127-61)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.073</b>	0.050	01/14/2022	ND	1.90	95.0	2.00	9.04	
<b>Toluene*</b>	<b>1.42</b>	0.050	01/14/2022	ND	1.84	92.2	2.00	9.45	
<b>Ethylbenzene*</b>	<b>1.82</b>	0.050	01/14/2022	ND	1.85	92.7	2.00	9.70	
<b>Total Xylenes*</b>	<b>9.95</b>	0.150	01/14/2022	ND	5.61	93.5	6.00	9.57	
<b>Total BTEX</b>	<b>13.3</b>	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 241 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>864</b>	16.0	01/14/2022	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
<b>GRO C6-C10*</b>	<b>442</b>	100	01/14/2022	ND	201	101	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>14300</b>	100	01/14/2022	ND	206	103	200	0.107	
<b>EXT DRO &gt;C28-C36</b>	<b>1640</b>	100	01/14/2022	ND					

Surrogate: 1-Chlorooctane 401 % 66.9-136

Surrogate: 1-Chlorooctadecane 562 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H4 4' (H220127-62)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.232</b>	0.100	01/14/2022	ND	1.90	95.0	2.00	9.04	
<b>Toluene*</b>	<b>4.92</b>	0.100	01/14/2022	ND	1.84	92.2	2.00	9.45	
<b>Ethylbenzene*</b>	<b>5.31</b>	0.100	01/14/2022	ND	1.85	92.7	2.00	9.70	
<b>Total Xylenes*</b>	<b>23.3</b>	0.300	01/14/2022	ND	5.61	93.5	6.00	9.57	
<b>Total BTEX</b>	<b>33.8</b>	0.600	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 216 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>496</b>	16.0	01/14/2022	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
<b>GRO C6-C10*</b>	<b>976</b>	100	01/14/2022	ND	201	101	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>18500</b>	100	01/14/2022	ND	206	103	200	0.107	
<b>EXT DRO &gt;C28-C36</b>	<b>2140</b>	100	01/14/2022	ND					

Surrogate: 1-Chlorooctane 548 % 66.9-136

Surrogate: 1-Chlorooctadecane 718 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H5 2' (H220127-63)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.339</b>	0.200	01/14/2022	ND	1.90	95.0	2.00	9.04	
<b>Toluene*</b>	<b>15.4</b>	0.200	01/14/2022	ND	1.84	92.2	2.00	9.45	
<b>Ethylbenzene*</b>	<b>17.2</b>	0.200	01/14/2022	ND	1.85	92.7	2.00	9.70	
<b>Total Xylenes*</b>	<b>59.0</b>	0.600	01/14/2022	ND	5.61	93.5	6.00	9.57	
<b>Total BTEX</b>	<b>91.9</b>	1.20	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 256 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/14/2022	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
<b>GRO C6-C10*</b>	<b>2140</b>	50.0	01/14/2022	ND	201	101	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>7900</b>	50.0	01/14/2022	ND	206	103	200	0.107	
<b>EXT DRO &gt;C28-C36</b>	<b>836</b>	50.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 612 % 66.9-136

Surrogate: 1-Chlorooctadecane 251 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H5 4' (H220127-64)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.317</b>	0.200	01/13/2022	ND	1.90	95.0	2.00	9.04	
<b>Toluene*</b>	<b>14.1</b>	0.200	01/13/2022	ND	1.84	92.2	2.00	9.45	
<b>Ethylbenzene*</b>	<b>15.3</b>	0.200	01/13/2022	ND	1.85	92.7	2.00	9.70	
<b>Total Xylenes*</b>	<b>52.8</b>	0.600	01/13/2022	ND	5.61	93.5	6.00	9.57	
<b>Total BTEX</b>	<b>82.5</b>	1.20	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 240 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/14/2022	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
<b>GRO C6-C10*</b>	<b>1490</b>	10.0	01/14/2022	ND	201	101	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>5710</b>	10.0	01/14/2022	ND	206	103	200	0.107	
<b>EXT DRO &gt;C28-C36</b>	<b>553</b>	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 458 % 66.9-136

Surrogate: 1-Chlorooctadecane 242 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H6 2' (H220127-65)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.90	95.0	2.00	9.04		
Toluene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	9.45		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.85	92.7	2.00	9.70		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.61	93.5	6.00	9.57		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2022	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	01/14/2022	ND	201	101	200	2.55		
DRO >C10-C28*	58.2	10.0	01/14/2022	ND	206	103	200	0.107		
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.1 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H6 4' (H220127-66)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.90	95.0	2.00	9.04	
Toluene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	9.45	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.85	92.7	2.00	9.70	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.61	93.5	6.00	9.57	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/14/2022	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	01/14/2022	ND	201	101	200	2.55	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	206	103	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H7 2' (H220127-67)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/14/2022	ND	1.90	95.0	2.00	9.04	
<b>Toluene*</b>	<b>13.1</b>	1.00	01/14/2022	ND	1.84	92.2	2.00	9.45	
<b>Ethylbenzene*</b>	<b>18.2</b>	1.00	01/14/2022	ND	1.85	92.7	2.00	9.70	
<b>Total Xylenes*</b>	<b>70.7</b>	3.00	01/14/2022	ND	5.61	93.5	6.00	9.57	
<b>Total BTEX</b>	<b>102</b>	6.00	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	01/14/2022	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
<b>GRO C6-C10*</b>	<b>2720</b>	10.0	01/14/2022	ND	201	101	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>7990</b>	10.0	01/14/2022	ND	206	103	200	0.107	
<b>EXT DRO &gt;C28-C36</b>	<b>645</b>	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 706 % 66.9-136

Surrogate: 1-Chlorooctadecane 249 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H7 4' (H220127-68)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/14/2022	ND	1.90	95.0	2.00	9.04	
<b>Toluene*</b>	<b>6.83</b>	0.200	01/14/2022	ND	1.84	92.2	2.00	9.45	
<b>Ethylbenzene*</b>	<b>11.4</b>	0.200	01/14/2022	ND	1.85	92.7	2.00	9.70	
<b>Total Xylenes*</b>	<b>42.9</b>	0.600	01/14/2022	ND	5.61	93.5	6.00	9.57	
<b>Total BTEX</b>	<b>61.1</b>	1.20	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 239 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	01/14/2022	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
<b>GRO C6-C10*</b>	<b>1540</b>	10.0	01/14/2022	ND	201	101	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>5260</b>	10.0	01/14/2022	ND	206	103	200	0.107	
<b>EXT DRO &gt;C28-C36</b>	<b>461</b>	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 375 % 66.9-136

Surrogate: 1-Chlorooctadecane 206 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H8 2' (H220127-69)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	01/14/2022	ND	1.90	95.0	2.00	9.04		
<b>Toluene*</b>	<b>2.94</b>	0.200	01/14/2022	ND	1.84	92.2	2.00	9.45		
Ethylbenzene*	<0.200	0.200	01/14/2022	ND	1.85	92.7	2.00	9.70		
<b>Total Xylenes*</b>	<b>27.1</b>	0.600	01/14/2022	ND	5.61	93.5	6.00	9.57		
<b>Total BTEX</b>	<b>30.0</b>	1.20	01/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 215 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>624</b>	16.0	01/14/2022	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	
<b>GRO C6-C10*</b>	<b>1270</b>	10.0	01/14/2022	ND	204	102	200	0.124	QM-07	
<b>DRO &gt;C10-C28*</b>	<b>4190</b>	10.0	01/14/2022	ND	173	86.3	200	7.67	QM-07	
<b>EXT DRO &gt;C28-C36</b>	<b>621</b>	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 205 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H8 4' (H220127-70)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/14/2022	ND	1.90	95.0	2.00	9.04	
<b>Toluene*</b>	<b>7.47</b>	0.200	01/14/2022	ND	1.84	92.2	2.00	9.45	
<b>Ethylbenzene*</b>	<b>2.75</b>	0.200	01/14/2022	ND	1.85	92.7	2.00	9.70	
<b>Total Xylenes*</b>	<b>34.0</b>	0.600	01/14/2022	ND	5.61	93.5	6.00	9.57	
<b>Total BTEX</b>	<b>44.2</b>	1.20	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 229 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>704</b>	16.0	01/14/2022	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
<b>GRO C6-C10*</b>	<b>1290</b>	10.0	01/14/2022	ND	204	102	200	0.124	
<b>DRO &gt;C10-C28*</b>	<b>3600</b>	10.0	01/14/2022	ND	173	86.3	200	7.67	
<b>EXT DRO &gt;C28-C36</b>	<b>524</b>	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 192 % 66.9-136

Surrogate: 1-Chlorooctadecane 156 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H9 2' (H220127-71)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92		
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/14/2022	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	01/14/2022	ND	204	102	200	0.124		
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67		
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H9 4' (H220127-72)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2022	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	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.2 % 59.5-142

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\*=Accredited Analyte

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H9 6' (H220127-73)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2022	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	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.1 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H10 2' (H220127-74)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2022	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	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.2 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H10 4' (H220127-75)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	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	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.0 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H10 6' (H220127-76)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92		
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	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	01/14/2022	ND	204	102	200	0.124		
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67		
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H11 2' (H220127-77)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.540</b>	0.500	01/14/2022	ND	1.93	96.6	2.00	7.92	
<b>Toluene*</b>	<b>24.6</b>	0.500	01/14/2022	ND	1.87	93.4	2.00	8.92	
<b>Ethylbenzene*</b>	<b>27.3</b>	0.500	01/14/2022	ND	1.84	92.2	2.00	8.51	
<b>Total Xylenes*</b>	<b>99.5</b>	1.50	01/14/2022	ND	5.57	92.9	6.00	8.09	
<b>Total BTEX</b>	<b>152</b>	3.00	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 173 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	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
<b>GRO C6-C10*</b>	<b>3430</b>	50.0	01/14/2022	ND	204	102	200	0.124	
<b>DRO &gt;C10-C28*</b>	<b>7220</b>	50.0	01/14/2022	ND	173	86.3	200	7.67	
<b>EXT DRO &gt;C28-C36</b>	<b>793</b>	50.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 681 % 66.9-136

Surrogate: 1-Chlorooctadecane 266 % 59.5-142

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H11 4' (H220127-78)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.745</b>	0.500	01/14/2022	ND	1.93	96.6	2.00	7.92	
<b>Toluene*</b>	<b>31.9</b>	0.500	01/14/2022	ND	1.87	93.4	2.00	8.92	
<b>Ethylbenzene*</b>	<b>31.1</b>	0.500	01/14/2022	ND	1.84	92.2	2.00	8.51	
<b>Total Xylenes*</b>	<b>107</b>	1.50	01/14/2022	ND	5.57	92.9	6.00	8.09	
<b>Total BTEX</b>	<b>171</b>	3.00	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 178 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	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
<b>GRO C6-C10*</b>	<b>3200</b>	50.0	01/14/2022	ND	204	102	200	0.124	
<b>DRO &gt;C10-C28*</b>	<b>6710</b>	50.0	01/14/2022	ND	173	86.3	200	7.67	
<b>EXT DRO &gt;C28-C36</b>	<b>595</b>	50.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 513 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H1.1 2' (H220127-79)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
<b>Toluene*</b>	<b>0.078</b>	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H1.1 4' (H220127-80)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H2.1 2' (H220127-81)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H2.1 4' (H220127-82)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H3.1 2' (H220127-83)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H3.1 4' (H220127-84)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H4.1 2' (H220127-85)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92		
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124		
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67		
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 88.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H4.1 4' (H220127-86)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H5.1 2' (H220127-87)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H5.1 4' (H220127-88)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	204	102	200	0.124	
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	173	86.3	200	7.67	
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H6.1 2' (H220127-89)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92		
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92		
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51		
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09		
Total BTEX	<0.300	0.300	01/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/14/2022	ND	207	104	200	3.96		
DRO >C10-C28*	<10.0	10.0	01/14/2022	ND	176	88.1	200	14.8		
EXT DRO >C28-C36	<10.0	10.0	01/14/2022	ND						

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H6.1 4' (H220127-90)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2022	ND	1.93	96.6	2.00	7.92	
Toluene*	<0.050	0.050	01/13/2022	ND	1.87	93.4	2.00	8.92	
Ethylbenzene*	<0.050	0.050	01/13/2022	ND	1.84	92.2	2.00	8.51	
Total Xylenes*	<0.150	0.150	01/13/2022	ND	5.57	92.9	6.00	8.09	
Total BTEX	<0.300	0.300	01/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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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.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <u>ETC</u> Project Manager: <u>Tyler Briones</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>NEED-WBS E-22012-GL-2130011-Trunk 2C Delineation</u> Project Location: <u>32.049009, -103.136180</u> Sampler Name: <u>Tody Walters</u> FOR LAB USE ONLY		<b>BILL TO</b> P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>H220127</u> Sample I.D. _____ (G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____ PRESERV _____ SAMPLING _____		DATE <u>1-12-24</u> TIME <u>9:40</u> CL TPHEXT BTEX	
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Relinquished By: <u>[Signature]</u> Date: <u>1/12/24</u> Time: <u>10:15</u>		Received By: <u>[Signature]</u> Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C <u>2.1</u> Corrected Temp. °C <u>1.10</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked BY: <u>[Signature]</u> Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____	
REMARKS: _____ Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ Turnaround Time: _____ Thermometer ID #113 Correction Factor -0.5°C			

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





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>ETC</b> Project Manager: <b>Tyler Briones</b> Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: <b>ETD-1285E-2202-6L-213 cell trunk AC Delinertion</b> Project Location: <b>32.049009, -103.136180</b> Sampler Name: <b>Soy Walters</b>		<b>BILL TO</b> P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:	
Lab I.D. <b>H220127</b> Sample I.D.		MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
Date: <b>11/21/22</b> Time: <b>11:15</b> Date: Received By: <b>Cedric Henderson</b> Time:		DATE: <b>11-21-21</b> TIME: <b>9:40</b> CL TPHEXT BTEX	
Relinquished By: <i>[Signature]</i> Relinquished Date:		REMARKS: All Results are emailed. Please provide Email address: Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> Bacteria (only) <input checked="" type="checkbox"/> <input type="checkbox"/> Cool Intact <input type="checkbox"/> <input type="checkbox"/> Corrected Temp. °C	
Observed Temp. °C: <b>2.1</b> Corrected Temp. °C: <b>1.10</b> Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>[Signature]</i> Thermometer ID #113 Correction Factor -0.5°C Corrected Temp. °C	

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>ETC</b> Project Manager: <b>Tyler Briones</b>		<b>BILL TO</b> P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Project Owner: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Name: <b>NEFD - WBS E-22012-GL-213 0011 Tank JC Delinquent</b> Project Location: <b>32.649009, -103.136180</b> Sampler Name: <b>Cody Walkers</b>		<b>ANALYSIS REQUEST</b>	
FOR LAB USE ONLY			
Lab I.D. <b>H220127</b> Sample I.D. _____	(G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____	PRESERV: _____ SAMPLING DATE: <b>11-12-21</b> TIME: <b>9:40</b>	CL TPH EXT BTEX
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Relinquished By: _____ Date: <b>11/14/22</b> Time: <b>10:15</b>	Received By: <b>Joel Anderson</b> Date: _____ Time: _____	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	Observed Temp. °C: <b>2.1</b> Corrected Temp. °C: <b>1.6</b>	Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: _____ Turnaround Time: _____ Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Bacteria (only) <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C _____ Corrected Temp. °C _____

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: ETC  
 Project Manager: Tyler Briones  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 Project Name: WFD-WBS-E-2012-6L-2300111 Transloc Del. ref. 10/16/23 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Location: 32.049009, -103.136180  
 Sampler Name: Sody Walkers Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	TPH EXT	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>A220127</u>														
<u>31</u>	<u>AREA 1 V1 4'</u>									<u>11-22-21</u>	<u>9:40</u>			
<u>32</u>	<u>AREA 1 V1 8'</u>													
<u>33</u>	<u>AREA 1 V1 12'</u>													
<u>34</u>	<u>AREA 1 V1 15'</u>													
<u>35</u>	<u>AREA 2 V2 4'</u>													
<u>36</u>	<u>AREA 2 V2 8'</u>													
<u>37</u>	<u>AREA 2 V2 12'</u>													
<u>38</u>	<u>AREA 2 V2 15'</u>													
<u>39</u>	<u>AREA 1 A1 2'</u>													
<u>40</u>	<u>AREA 1 A1 4'</u>													

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Relinquished By: \_\_\_\_\_  
 Date: 11/21/21  
 Time: 16:15  
 Received By: [Signature]  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Turnaround Time:  Standard  Rush  
 Thermometer ID #113  
 Correction Factor -0.5°C  
 Bacteria (only)  Cool Intact  Yes  No  
 Sample Condition  Cool Intact  Yes  No  
 Observed Temp. °C \_\_\_\_\_  
 Corrected Temp. °C \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: \_\_\_\_\_  
 Observed Temp. °C 2.1  
 Corrected Temp. °C 1.6  
 Checked By: [Signature]  
 Remarks: \_\_\_\_\_





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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>ETC</b> Project Manager: <b>Tyler Briones</b>		P.O. #: Company: Attn: Address: City: State: Zip:	
Address: City: State: Zip:		Project Owner: Project Name: <b>EFD-WIS E-2002-6L-2130011 Truck Dr. Delin. Area</b> Project Location: <b>32.049009 - 103.136180</b>	
Phone #: Fax #: Project #:		City: State: Zip:	
Project Name: <b>EFD-WIS E-2002-6L-2130011 Truck Dr. Delin. Area</b> Project Location: <b>32.049009 - 103.136180</b>		Phone #: Fax #:	
Sampler Name: <b>Sokolovskis</b>		For Lab Use Only:	
<b>Lab I.D. Sample I.D.</b>			
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Relinquished By: <i>[Signature]</i> Date: <b>11/21/23</b> Time: <b>10:15</b>		Received By: <i>[Signature]</i> Date: <b>11/21/23</b> Time:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: <b>2.1</b> Corrected Temp. °C: <b>1.14</b>	
Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) Sample Condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>[Signature]</i> Initials:	
Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Bacteria (only) Sample Condition: <input type="checkbox"/> Yes <input type="checkbox"/> No Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:	
† Cardinal cannot accept verbal changes. Please email changes to <a href="mailto:celey.keene@cardinallabsnm.com">celey.keene@cardinallabsnm.com</a>			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
41	AREA 1 H2 2'									1-12-21	9:40	CL TPH EXT BTEX
42	AREA 1 H2 4'											
43	AREA 1 H3 2'											
44	AREA 1 H3 4'											
45	AREA 1 H4 2'											
46	AREA 1 H4 4'											
47	AREA 1 H1.1 2'											
48	AREA 1 H1.1 4'											
49	AREA 1 H2.1 2'											
50	AREA 1 H2.1 4'											









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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC

Project Manager: Tyler Briones

Address: City: State: Zip:

Phone #: Fax #: Project Owner:

Project #: Project Name: NEFD-1085 E-2012-6L 2130011 Trunk 20 Delinjection

Project Location: 32.049009, -103.136180

Sampler Name: Joey Walters

FOR LAB USE ONLY

BILL TO		ANALYSIS REQUEST	
P.O. #:	Company:	Matrix:	Preserv:
Attn:	Address:	GROUNDWATER	ACID/BASE:
City:	State:	WASTEWATER	ICE / COOL
Address:	Zip:	SOIL	OTHER:
Phone #:	Phone #:	OIL	DATE
Fax #:	Fax #:	SLUDGE	TIME
		OTHER:	
		OTHER:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	CL	TPH EXT	BTEX
H22D127							1-17-21	9:40			
L01	AREA 2 H4 2'										
L02	AREA 2 H4 4'										
L03	AREA 2 H5 2'										
L04	AREA 2 H5 4'										
L05	AREA 2 H6 2'										
L06	AREA 2 H6 4'										
L07	AREA 2 H7 2'										
L08	AREA 2 H7 4'										
L09	AREA 2 H8 2'										
L10	AREA 2 H8 4'										

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Relinquished By: [Signature] Date: 11/21/22 Received By: [Signature] Date: 11/16/23

Delivered By: (Circle One) Observed Temp. °C: 2.1 Corrected Temp. °C: 1.4

Sample Condition: Cool Intact [checked] Bacteria (only) Sample Condition: Cool Intact [checked]

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





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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>ETC</b> Project Manager: <b>Tyler Briones</b> Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: <b>WBS E-2012-6L-23001 Truck 20 Delineation</b> Project Location: <b>32.049009, -103.136180</b> Sampler Name: <b>Sody Walker</b>		P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #: State: Zip:	
FOR LAB USE ONLY Lab I.D. <b>H220127</b> Sample I.D.		BILL TO ANALYSIS REQUEST	
(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : PRESERV. ACID/BASE: ICE / COOL OTHER : SAMPLING		DATE TIME	
71 AREA 2 H9 2' 72 AREA 2 H9 4' 73 AREA 2 H9 6' 74 AREA 2 H10 2' 75 AREA 2 H10 4' 76 AREA 2 H10 6' 77 AREA 2 H11 2' 78 AREA 2 H11 4' 79 AREA 2 H11 2' 80 AREA 2 H11 4'		11-21 9:40 CL TPH EXT BTEX	
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Relinquished By: <i>[Signature]</i> Date: <b>11/14/22</b> Time: <b>10:15 AM</b>		Received By: <i>[Signature]</i> Date: <b>11/16/23</b> Time:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: <b>2.1</b> Corrected Temp. °C: <b>1.6</b> Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <i>[Signature]</i>	
Turnaround Time: <b>Standard</b> Rush <input type="checkbox"/> Bacteria (only) <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: ETC

Project Manager: Tyler Briones

Address:

City: State: Zip:

Phone #: Fax #: Project Owner:

Project #:

Project Name: EFD-UBSE-ZZ012-6L-2130111 Truck 200 Delivery

Project Location: 32.049009 -103.136180

Sampler Name: Soddy Walker

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	DATE	TIME	CL	TPH EXT	BTEV	SAMPLING		PRESERV		MATRIX	
							(G)RAB OR (C)OMP	# CONTAINERS	ACID/BASE:	ICE / COOL	OTHER :	GROUNDWATER
H22DM17	AREA 2 H2.1 2'	11-2-21	9:40									
81	AREA 2 H2.1 2'											
82	AREA 2 H2.1 4'											
83	AREA 2 H3.1 2'											
84	AREA 2 H3.1 4'											
85	AREA 2 H4.1 2'											
86	AREA 2 H4.1 4'											
87	AREA 2 H5.1 2'											
88	AREA 2 H5.1 4'											
89	AREA 2 H6.1 2'											
90	AREA 2 H6.1 4'											

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Relinquished By: [Signature] Date: 11/16/23 Time: 10:15  
Received By: [Signature] Date: 11/16/23 Time: 10:15

Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
All Results are emailed. Please provide Email address: \_\_\_\_\_  
REMARKS:

Delivered By: (Circle One) Observed Temp. °C 2.1 Corrected Temp. °C 1.10

Sampler - UPS - Bus - Other:  UPS  Bus  Other

Sample Condition: Cool Intact  Yes  No

Checked By: [Signature]

Turnaround Time: Standard  Rush

Bacteria (only) Sample Condition: Cool Intact  Yes  No

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---

January 17, 2022

DEAN ERICSON  
ENERGY TRANSFER  
P. O. BOX 1226  
JAL, NM 88252

RE: TRUNK 2C DELINEATOR

Enclosed are the results of analyses for samples received by the laboratory on 01/12/22 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager





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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H7.1 2' (H220128-01)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2022	ND	1.90	94.9	2.00	11.7	
Toluene*	<0.050	0.050	01/14/2022	ND	1.83	91.5	2.00	12.3	
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.81	90.3	2.00	12.2	
Total Xylenes*	<0.150	0.150	01/14/2022	ND	5.48	91.4	6.00	11.6	
Total BTEX	<0.300	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H7.1 4' (H220128-02)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2022	ND	1.90	94.9	2.00	11.7	
Toluene*	<0.050	0.050	01/14/2022	ND	1.83	91.5	2.00	12.3	
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.81	90.3	2.00	12.2	
Total Xylenes*	<0.150	0.150	01/14/2022	ND	5.48	91.4	6.00	11.6	
Total BTEX	<0.300	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.7 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H8.1 2' (H220128-03)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/14/2022	ND	1.90	94.9	2.00	11.7		
Toluene*	<0.050	0.050	01/14/2022	ND	1.83	91.5	2.00	12.3		
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.81	90.3	2.00	12.2		
Total Xylenes*	<0.150	0.150	01/14/2022	ND	5.48	91.4	6.00	11.6		
Total BTEX	<0.300	0.300	01/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/15/2022	ND	207	104	200	3.96		
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8		
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND						

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H8.1 4' (H220128-04)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2022	ND	1.90	94.9	2.00	11.7	
Toluene*	<0.050	0.050	01/14/2022	ND	1.83	91.5	2.00	12.3	
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.81	90.3	2.00	12.2	
Total Xylenes*	<0.150	0.150	01/14/2022	ND	5.48	91.4	6.00	11.6	
Total BTEX	<0.300	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H9.1 2' (H220128-05)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2022	ND	1.90	94.9	2.00	11.7	
Toluene*	<0.050	0.050	01/14/2022	ND	1.83	91.5	2.00	12.3	
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.81	90.3	2.00	12.2	
Total Xylenes*	<0.150	0.150	01/14/2022	ND	5.48	91.4	6.00	11.6	
Total BTEX	<0.300	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H9.1 4' (H220128-06)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2022	ND	1.90	94.9	2.00	11.7	
Toluene*	<0.050	0.050	01/14/2022	ND	1.83	91.5	2.00	12.3	
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.81	90.3	2.00	12.2	
Total Xylenes*	<0.150	0.150	01/14/2022	ND	5.48	91.4	6.00	11.6	
Total BTEX	<0.300	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.8 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H9.1 6' (H220128-07)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2022	ND	1.90	94.9	2.00	11.7	
Toluene*	<0.050	0.050	01/14/2022	ND	1.83	91.5	2.00	12.3	
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.81	90.3	2.00	12.2	
Total Xylenes*	<0.150	0.150	01/14/2022	ND	5.48	91.4	6.00	11.6	
Total BTEX	<0.300	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H10.1 2' (H220128-08)**

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	01/14/2022	ND	1.97	98.4	2.00	3.87	
Toluene*	<0.050	0.050	01/14/2022	ND	1.87	93.6	2.00	8.22	
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.92	95.9	2.00	5.53	
Total Xylenes*	<0.150	0.150	01/14/2022	ND	6.09	102	6.00	5.18	
Total BTEX	<0.300	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H10.1 4' (H220128-09)**

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	01/14/2022	ND	1.97	98.4	2.00	3.87	
Toluene*	<0.050	0.050	01/14/2022	ND	1.87	93.6	2.00	8.22	
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.92	95.9	2.00	5.53	
Total Xylenes*	<0.150	0.150	01/14/2022	ND	6.09	102	6.00	5.18	
Total BTEX	<0.300	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/14/2022	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	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H10.1 6' (H220128-10)**

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	01/14/2022	ND	1.97	98.4	2.00	3.87	
Toluene*	<0.050	0.050	01/14/2022	ND	1.87	93.6	2.00	8.22	
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.92	95.9	2.00	5.53	
Total Xylenes*	<0.150	0.150	01/14/2022	ND	6.09	102	6.00	5.18	
Total BTEX	<0.300	0.300	01/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/14/2022	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	01/15/2022	ND	207	104	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8	
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H11.1 2' (H220128-11)**

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	01/14/2022	ND	1.97	98.4	2.00	3.87		
Toluene*	<0.050	0.050	01/14/2022	ND	1.87	93.6	2.00	8.22		
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.92	95.9	2.00	5.53		
Total Xylenes*	<0.150	0.150	01/14/2022	ND	6.09	102	6.00	5.18		
Total BTEX	<0.300	0.300	01/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	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	01/15/2022	ND	207	104	200	3.96		
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8		
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND						

Surrogate: 1-Chlorooctane 89.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	01/12/2022	Sampling Date:	01/12/2022
Reported:	01/17/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	NEFD-WBS E-22012-GL-21300111	Sample Received By:	Jodi Henson
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 H11.1 4' (H220128-12)**

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	01/14/2022	ND	1.97	98.4	2.00	3.87		
Toluene*	<0.050	0.050	01/14/2022	ND	1.87	93.6	2.00	8.22		
Ethylbenzene*	<0.050	0.050	01/14/2022	ND	1.92	95.9	2.00	5.53		
Total Xylenes*	<0.150	0.150	01/14/2022	ND	6.09	102	6.00	5.18		
Total BTEX	<0.300	0.300	01/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/14/2022	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	01/15/2022	ND	207	104	200	3.96		
DRO >C10-C28*	<10.0	10.0	01/15/2022	ND	176	88.1	200	14.8		
EXT DRO >C28-C36	<10.0	10.0	01/15/2022	ND						

Surrogate: 1-Chlorooctane 83.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.9 % 59.5-142

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager





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

Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: ETC		P.O. #:	
Project Manager: Tyler Briones		Company:	
Address:		Attn:	
City:		Address:	
State:		City:	
Zip:		State:	
Phone #:		Phone #:	
Fax #:		Fax #:	
Project #:		Project Owner:	
Project Name: WBE-22012-CL-2130011 Trunk & Delimitation		State:	
Project Location: 32,049009, -103.136180		Zip:	
Project Name: Sody Water		Phone #:	
FOR LAB USE ONLY		Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	CL	TPH EXT	BTEX
H220128	01						1-12-21	9:40			
	02										
	03										
	04										
	05										
	06										
	07										
	08										
	09										
	10										

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Relinquished By: [Signature] Date: 1/12/22 Received By: [Signature] Date: 10-15-22  
 Relinquished By: [Signature] Received By: [Signature]

Delivered By: (Circle One) Observed Temp. °C 2.1 Sample Condition Cool Intact  Yes  No  
 Corrected Temp. °C 1.10  Yes  No

Turnaround Time: Standard  Rush  Bacteria (only) Sample Condition Cool Intact  Yes  No  
 Thermometer ID #113 Correction Factor -0.5°C  Yes  No Corrected Temp. °C

Verbal Result:  Yes  No Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:

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







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

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March 02, 2022

DEAN ERICSON  
ENERGY TRANSFER  
P. O. BOX 1226  
JAL, NM 88252

RE: TRUNK 2C DELINEATOR

Enclosed are the results of analyses for samples received by the laboratory on 03/01/22 11:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager





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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	03/01/2022	Sampling Date:	02/28/2022
Reported:	03/02/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	32.049009-103.136180	Sample Received By:	Tamara Oldaker
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 V1 17' (H220778-01)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2022	ND	2.13	107	2.00	0.447	
Toluene*	<0.050	0.050	03/01/2022	ND	2.09	105	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/01/2022	ND	2.10	105	2.00	0.0903	
Total Xylenes*	<0.150	0.150	03/01/2022	ND	6.50	108	6.00	0.123	
Total BTEX	<0.300	0.300	03/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2022	ND	207	104	200	3.95	
<b>DRO &gt;C10-C28*</b>	<b>49.5</b>	10.0	03/01/2022	ND	186	92.8	200	8.14	
EXT DRO >C28-C36	<10.0	10.0	03/01/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	03/01/2022	Sampling Date:	02/28/2022
Reported:	03/02/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	32.049009-103.136180	Sample Received By:	Tamara Oldaker
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 V1 19' (H220778-02)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2022	ND	2.13	107	2.00	0.447	
Toluene*	<0.050	0.050	03/01/2022	ND	2.09	105	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/01/2022	ND	2.10	105	2.00	0.0903	
Total Xylenes*	<0.150	0.150	03/01/2022	ND	6.50	108	6.00	0.123	
Total BTEX	<0.300	0.300	03/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	03/01/2022	ND	186	92.8	200	8.14	
EXT DRO >C28-C36	<10.0	10.0	03/01/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	03/01/2022	Sampling Date:	02/28/2022
Reported:	03/02/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	32.049009-103.136180	Sample Received By:	Tamara Oldaker
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 1 V1 21' (H220778-03)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2022	ND	2.13	107	2.00	0.447	
Toluene*	<0.050	0.050	03/01/2022	ND	2.09	105	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/01/2022	ND	2.10	105	2.00	0.0903	
Total Xylenes*	<0.150	0.150	03/01/2022	ND	6.50	108	6.00	0.123	
Total BTEX	<0.300	0.300	03/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	03/01/2022	ND	186	92.8	200	8.14	
EXT DRO >C28-C36	<10.0	10.0	03/01/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	03/01/2022	Sampling Date:	02/28/2022
Reported:	03/02/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	32.049009-103.136180	Sample Received By:	Tamara Oldaker
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 V2 17' (H220778-04)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2022	ND	2.13	107	2.00	0.447	
Toluene*	<0.050	0.050	03/01/2022	ND	2.09	105	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/01/2022	ND	2.10	105	2.00	0.0903	
Total Xylenes*	<0.150	0.150	03/01/2022	ND	6.50	108	6.00	0.123	
Total BTEX	<0.300	0.300	03/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	03/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2022	ND	207	104	200	3.95	
<b>DRO &gt;C10-C28*</b>	<b>30.7</b>	10.0	03/01/2022	ND	186	92.8	200	8.14	
EXT DRO >C28-C36	<10.0	10.0	03/01/2022	ND					

Surrogate: 1-Chlorooctane 122 % 66.9-136

Surrogate: 1-Chlorooctadecane 129 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	03/01/2022	Sampling Date:	02/28/2022
Reported:	03/02/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	32.049009-103.136180	Sample Received By:	Tamara Oldaker
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 V2 19' (H220778-05)**

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/01/2022	ND	2.13	107	2.00	0.447		
Toluene*	<0.050	0.050	03/01/2022	ND	2.09	105	2.00	0.106		
Ethylbenzene*	<0.050	0.050	03/01/2022	ND	2.10	105	2.00	0.0903		
Total Xylenes*	<0.150	0.150	03/01/2022	ND	6.50	108	6.00	0.123		
Total BTEX	<0.300	0.300	03/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/01/2022	ND	207	104	200	3.95		
DRO >C10-C28*	<10.0	10.0	03/01/2022	ND	186	92.8	200	8.14		
EXT DRO >C28-C36	<10.0	10.0	03/01/2022	ND						

Surrogate: 1-Chlorooctane 95.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	03/01/2022	Sampling Date:	02/28/2022
Reported:	03/02/2022	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATIOR	Sampling Condition:	Cool & Intact
Project Number:	32.049009-103.136180	Sample Received By:	Tamara Oldaker
Project Location:	32.049009, -103.136180		

**Sample ID: AREA 2 V2 21' (H220778-06)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/01/2022	ND	2.13	107	2.00	0.447	
Toluene*	<0.050	0.050	03/01/2022	ND	2.09	105	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/01/2022	ND	2.10	105	2.00	0.0903	
Total Xylenes*	<0.150	0.150	03/01/2022	ND	6.50	108	6.00	0.123	
Total BTEX	<0.300	0.300	03/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	03/01/2022	ND	186	92.8	200	8.14	
EXT DRO >C28-C36	<10.0	10.0	03/01/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**BILL TO**

**ANALYSIS REQUEST**

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

Company Name: **ETC**

Project Manager: **Tyler Briones**

Address:

City:

State:

Zip:

Phone #:

Fax #:

Project #:

Project Name: **Trunk 2C #2130165011**

Project Location: **32.049009, -103.136180**

Sampler Name: **Sody Walters**

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

**H220778**

**1 AREA 1 V1 17'**

**2 AREA 1 V1 19'**

**3 AREA 1 V1 21'**

**4 AREA 2 V2 17'**

**5 AREA 2 V2 19'**

**6 AREA 2 V2 21'**

(G)RAB OR (C)OMP.
# CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE	TIME
<b>2-28-22</b>	<b>2:00</b>

**CL  
TPH EXT  
BTEX  
RUSH**

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Relinquished By: *[Signature]*

Received By: *[Signature]*

Date: **2-28-22**

Date: **11-35**

Time:

Time:

Relinquished By: *[Signature]*

Received By: *[Signature]*

Date:

Date:

Time:

Time:

Delivered By: (Circle One)

Observed Temp. °C **3.1**

Turnaround Time: **Standard**

Standard  Rush

Bacteria (only) Sample Condition

Sampler - UPS - Bus - Other:

Corrected Temp. °C **2.6**

Thermometer ID #113

Correction Factor -0.5°C

Observed Temp. °C

Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)





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

October 31, 2023

DEAN ERICSON  
ENERGY TRANSFER  
P. O. BOX 225  
JAL, NM 88252

RE: TRUNK 2C DELINEATION

Enclosed are the results of analyses for samples received by the laboratory on 10/24/23 16:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T10470438-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certification](http://www.tceq.texas.gov/field/qa/lab_accred_certification).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	10/24/2023	Sampling Date:	10/24/2023
Reported:	10/31/2023	Sampling Type:	Soil
Project Name:	TRUNK 2C DELINEATION	Sampling Condition:	Cool & Intact
Project Number:	TRUNK 2C	Sample Received By:	Shalyn Rodriguez
Project Location:	JAL NM 32.049009-103.136180		

**Sample ID: A2 H7-1 2' (H235842-01)**

TEX 8021B	mg/kg		Analyzed By: JH							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2023	ND	1.94	93.1	2.00	1.13		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (LID) 96.2% 1.5-134

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	10/27/2023	ND	448	112	100	3.0		

TPH 8015M	mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 78.0% 48.2-134

Surrogate: 1-Chlorooctadecane 86.8% 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: A2 H7-1 4' (H235842-02)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: A2 H-8-1 2' (H235842-03)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: A2 H-8-1 4' (H235842-04)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: A2 H11-1 2' (H235842-05)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 96.3 % 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	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: A2 H11-1 4' (H235842-06)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.3 % 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	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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**Analytical Results For:**

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 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 1-1' (H235842-07)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 1-2' (H235842-08)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 2-1' (H235842-09)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 96.7% 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 76.4% 48.2-134

Surrogate: 1-Chlorooctadecane 84.7% 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 2-2' (H235842-10)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	47.8	10.0	10/27/2023	ND	196	98.2	200	1.11		
ΔT DRO >C26-C36	32.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 3-1' (H235842-11)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 4-1' (H235842-12)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 4-2' (H235842-13)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 3-2' (H235842-14)**

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	10/28/2023	ND	1.94	97.1	2.00	1.15		
Toluene*	<0.050	0.050	10/28/2023	ND	1.91	95.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.91	95.4	2.00	1.32		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.51	91.8	6.00	1.38		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/27/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 5-1' (H235842-15)**

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	10/28/2023	ND	2.07	103	2.00	0.496		
Toluene*	<0.050	0.050	10/28/2023	ND	2.08	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.22	111	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.63	110	6.00	3.41		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 5-2' (H235842-16)**

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	10/28/2023	ND	2.07	103	2.00	0.496		
Toluene*	<0.050	0.050	10/28/2023	ND	2.08	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.22	111	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.63	110	6.00	3.41		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 107% 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 77.6% 48.2-134

Surrogate: 1-Chlorooctadecane 86.1% 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 6-1' (H235842-17)**

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	10/28/2023	ND	2.07	103	2.00	0.496		
Toluene*	<0.050	0.050	10/28/2023	ND	2.08	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.22	111	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.63	110	6.00	3.41		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/27/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/24/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C DELINEATION  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: OS HZ 6-2' (H235842-18)**

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	10/28/2023	ND	2.07	103	2.00	0.496		
Toluene*	<0.050	0.050	10/28/2023	ND	2.08	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.22	111	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.63	110	6.00	3.41		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/27/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	186	92.9	200	0.566		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	196	98.2	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limit for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- N.D 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 react, temperature.
- Chloride by SM450Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: ETC Texas Pipeline, Ltd

**BILL TO**

ANALYSIS REQUEST

Project Manager: Lindsey Nevels Lindseyn@wolfpackind.com

P.O. # E-22012-GL-21300201

Address: - Closure - Delinquency Samples

Company: ETC  
 Attn: Dean Erikson

City: Area 3 State: Zip:

Address: PO box 1226

Phone #: Fax #:

Project #: Trunk 2C Project Owner: ETC

City: Jal State: NM Zip: 8852

Project Name: E-22012-GL-21300201 Trunk 2C

State: NM Zip: 8852

Project Location: Jal NM 32.049009 -103.136180

Sample Name: Lindsey Nevels

Fax #:

FOR LAB USE ONLY

MATRIX

PRESERV

SAMPLING

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
HB35842	1 AA H7-1	2'		X							10/24/23	10:24	X	X	X
	2 AA H7-1	4'		X							10/24/23	10:24	X	X	X
	3 AA H-8-1	2'		X							10/24/23	10:24	X	X	X
	4 AA H-8-1	4'		X							10/24/23	10:24	X	X	X
	5 AA H11-1	2'		X							10/24/23	10:24	X	X	X
	6 AA H11-1	4'		X							10/24/23	10:24	X	X	X

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Relinquished By: \_\_\_\_\_  
 Received By: \_\_\_\_\_  
 Date: 10/24/23  
 Time: 10:38

Delivered By: (Circle One) \_\_\_\_\_  
 Sampler - UPS - Bus - Other: \_\_\_\_\_  
 Observed Temp. °C: 5.8  
 Corrected Temp. °C: \_\_\_\_\_

Sample Condition: Cool Intact  Yes  No  
 Checked By: \_\_\_\_\_

Turnaround Time: Standard  Rush   
 Thermometer ID #113  
 Correction Factor: 0.6°C  
 Bacteria (only) Sample Condition: Cool Intact  Yes  No  
 Corrected Temp. °C: \_\_\_\_\_

REMARKS: \* Rush removed per Customer. \* Customer requested ID. 10/25/23  
 Changes. 10-10/25/23





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: ETC Texas Pipeline, Ltd  
 Project Manager: Lindsey Nevels  
 Address: [Blank]  
 City: [Blank] State: [Blank] Zip: [Blank]  
 Phone #: [Blank] Fax #: [Blank]  
 Project #: 17446 AC  
 Project Name: Everspray delivery  
 Project Location: Jal NM  
 Sampler Name: Lindsey Nevels  
 P.O. # E-22012-GL-21300201  
 Company: ETC  
 Attn: Dean Erikson  
 Address: PO box 1226  
 City: Jal  
 State: NM Zip: 8852  
 Project Name: E-22012-GL-21300201  
 Project Location: Jal NM  
 Sampler Name: Lindsey Nevels  
 Matrix: *Over spray delivery*  
 Preservation: *delivered*  
 Date: 9/24/23

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	BTEX	TPH
H235842	05 HZ-1-1'												9/24/23		X		
	8 OS HZ-1-2'														X		
	9 OS HZ-2-1'														X		
	10 OS HZ-2-2'														X		
	11 OS HZ-3-1'														X		
	12 OS HZ-4-1'														X		
	13 OS HZ-4-2'														X		
	14 OS HZ-5-1'														X		
	15 OS HZ-5-1'														X		
	16 OS HZ-5-2'														X		

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Relinquished By: *Janet M*  
 Received By: *Stoddig*  
 Date: 10/31/23  
 Time: [Blank]  
 Turnaround Time: Standard  
 Thermometer ID: #1140  
 Correction Factor: 0.5°C  
 Bacteria (only) Sample Condition:  Intact  
 Corrected Temp. °C: 5.8





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: ETC Texas Pipeline, Ltd		P.O. # E-22012-GL-21300201	
Project Manager: Lindsey Nevells		Company: ETC	
Address:		Attn: Dean Erikson	
City:		Address: PO box 1226	
Phone #: <i>Trunk 2C</i>		City: Jal	
Project #: <i>Trunk 2C</i>		State: NM Zip: 8852	
Project Name: E-22012-GL-21300201		Project Owner: ETC	
Project Location: Jal NM		Samples: <i>Quadrant</i>	
Sampler Name: Lindsey Nevells		Phone #:	
FOR LAB USE ONLY		Fax #:	
Lab I.D. <i>H235842</i>		Sample I.D. <i>H26-1'</i>	
Date: <i>17 OS</i>		Date: <i>18 OS</i>	
Time: <i>H26-1'</i>		Time: <i>H26-2'</i>	
Relinquished By: <i>Nevells M</i>		Received By: <i>Spediquery</i>	
Date: <i>10/31/23</i>		Date: <i>10/31/23</i>	
Time: <i>10:38</i>		Time: <i>10:38</i>	
Delivered By: (Circle One)		Observed Temp °C	
Sampler - UPS - Bus - Other:		Corrected Temp °C	
Sample Condition		CHECKED BY: <i>SR</i>	
Cool Intact		Cool Intact	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Turnaround Time: <i>#140</i>		Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	
Thermometer ID: <i>#14</i>		Bacteria (only) <input type="checkbox"/>	
Correction Factor: <i>0.5°C</i>		Cool Intact <input type="checkbox"/>	
		Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Sample Condition <input type="checkbox"/>	
		Observed Temp °C <input type="checkbox"/>	
		Corrected Temp °C <input type="checkbox"/>	
REMARKS: <i>Push removed per customer 10/10/23</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Add'l Phone #: _____	
		All Results are emailed. Please provide Email address: _____	



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October 31, 2023

DEAN ERICSON  
ENERGY TRANSFER  
P O B X 1226  
AL, NM 88252

RE: TRUNK 2C CLOSURE SAMPLES

Enclosed are the results of analyses for samples received by the laboratory on 10/25/23 15:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/fielu/qa/lab\\_acc\\_red\\_certif.html](http://www.tceq.texas.gov/fielu/qa/lab_acc_red_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene  
Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 1 (H235858-01)**

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	10/28/2023	ND	1.93	96.6	2.00	6.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.0	2.00	0.0817		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448		
Total BTEX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	194	97.2	200	3.64		
EXT LRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 90.1% 48.2-134

Surrogate: 1-Chlorooctadecane 90.0% 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 2 (H235858-02)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	194	97.2	200	3.64		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 3 (H235858-03)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	19.9	10.0	10/27/2023	ND	194	97.2	200	3.64		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 4 (H235858-04)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	422	10.0	10/27/2023	ND	194	97.2	200	3.64		
EXT DRO >C.8 C36	76.8	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 5 (H235858-05)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	18.2	10.0	10/27/2023	ND	194	97.2	200	3.64		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 6 (H235858-06)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390	
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	
Total BTEX	<0.300	0.300	10/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PII) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	193	96.5	200	4.16	
DRO >C10-C28*	105	10.0	10/27/2023	ND	194	97.2	200	3.64	
EXT DRO >C28-C36	13.6	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 7 (H235858-07)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	11.6	10.0	10/27/2023	ND	194	97.2	200	3.64		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 8 (H235858-08)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	106	10.0	10/27/2023	ND	194	97.2	200	3.64		
EXT DRO >C28-C36	13.2	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 9 (H235858-09)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	194	97.2	200	3.64		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 10 (H235858-10)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<b>0.272</b>	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817	GC-NC1	
Total Xylenes*	<b>0.356</b>	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	GC-NC1	
Total BTEX	<b>0.628</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 154 % 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	<b>32.0</b>	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<b>24.9</b>	10.0	10/28/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	<b>482</b>	10.0	10/28/2023	ND	194	97.2	200	3.64		
EXT DRO >C28-C36	<b>112</b>	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 11 (H235858-11)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	GC-NC1	
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	162	10.0	10/28/2023	ND	194	97.2	200	3.64		
EXT DRO >C28-C36	24.5	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 12 (H235858-12)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<b>0.098</b>	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817	GC-NC1	
Total Xylenes*	<b>0.732</b>	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	GC-NC1	
Total BTEX	<b>0.830</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 148 % 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	<b>32.0</b>	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<b>44.0</b>	10.0	10/28/2023	ND	193	96.5	200	4.16		
DRO >C10-C28*	<b>500</b>	10.0	10/28/2023	ND	194	97.2	200	3.64		
EXT DRO >C28-C36	<b>105</b>	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 13 (H235858-13)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
<b>Toluene*</b>	<b>0.339</b>	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450	GC-NC1	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
<b>Total Xylenes*</b>	<b>5.43</b>	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	GC-NC1	
<b>Total BTEX</b>	<b>5.77</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 247 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>480</b>	10.0	10/27/2023	ND	191	95.5	200	0.377	QM-07	
<b>DRO &gt;C10-C28*</b>	<b>2410</b>	10.0	10/27/2023	ND	172	85.9	200	3.07	QM-07	
<b>EXT DRO &gt;C28-C36</b>	<b>45.4</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 14 (H235858-14)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
<b>Total Xylenes*</b>	<b>1.53</b>	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	GC-NC1	
<b>Total BTEX</b>	<b>1.53</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 188 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>71.4</b>	10.0	10/27/2023	ND	191	95.5	200	0.377		
<b>DRO &gt;C10-C28*</b>	<b>825</b>	10.0	10/27/2023	ND	172	85.9	200	3.07		
<b>EXT DRO &gt;C28-C36</b>	<b>163</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 15 (H235858-15)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<0.050	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450		
Ethylbenzene*	<b>0.085</b>	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817	GC-NC1	
Total Xylenes*	<b>0.530</b>	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	GC-NC1	
<b>Total BTEX</b>	<b>6.14</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>21.0</b>	10.0	10/27/2023	ND	191	95.5	200	0.377		
<b>DRO &gt;C10-C28*</b>	<b>228</b>	10.0	10/27/2023	ND	172	85.9	200	3.07		
<b>EXT DRO &gt;C28-C36</b>	<b>29.4</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 16 (H235858-16)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
<b>Toluene*</b>	<b>0.229</b>	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450	GC-NC1	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
<b>Total Xylenes*</b>	<b>5.84</b>	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	GC-NC1	
<b>Total BTEX</b>	<b>6.07</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 131 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>515</b>	10.0	10/27/2023	ND	191	95.5	200	0.377		
<b>DRO &gt;C10-C28*</b>	<b>3330</b>	10.0	10/27/2023	ND	172	85.9	200	3.07		
<b>EXT DRO &gt;C28-C36</b>	<b>716</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 17 (H235858-17)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
<b>Toluene*</b>	<b>0.246</b>	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450	GC-NC1	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817		
<b>Total Xylenes*</b>	<b>5.06</b>	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	GC-NC1	
<b>Total BTEX</b>	<b>5.31</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 137 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>80.0</b>	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>252</b>	10.0	10/27/2023	ND	191	95.5	200	0.377		
<b>DRO &gt;C10-C28*</b>	<b>1680</b>	10.0	10/27/2023	ND	172	85.9	200	3.07		
<b>EXT DRO &gt;C28-C36</b>	<b>373</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 18 (H235858-18)**

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	10/28/2023	ND	1.93	96.6	2.00	0.390		
Toluene*	<b>0.069</b>	0.050	10/28/2023	ND	1.89	94.7	2.00	0.0450	GC-NC1	
Ethylbenzene*	<b>0.164</b>	0.050	10/28/2023	ND	1.90	94.8	2.00	0.0817	GC-NC1	
Total Xylenes*	<b>1.64</b>	0.150	10/28/2023	ND	5.44	90.6	6.00	0.448	GC-NC1	
Total BTEX	<b>1.87</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 151 % 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	<b>64.0</b>	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<b>129</b>	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<b>874</b>	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<b>144</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 19 (H235858-19)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	14.7	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 BH 20 (H235858-20)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 SW 1 (H235858-21)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 SW 2 (H235858-22)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 SW 3 (H235858-23)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 SW 4 (H235858-24)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 SW 5 (H235858-25)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 SW 6 (H235858-26)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 SW 7 (H235858-27)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 SW 8 (H235858-28)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 1 SW 9 (H235858-29)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 1 (H235858-30)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<b>0.486</b>	0.050	10/28/2023	ND	2.04	102	2.00	2.46	GC-NC1	
Ethylbenzene*	<b>0.994</b>	0.050	10/28/2023	ND	2.04	102	2.00	2.88	GC-NC1	
Total Xylenes*	<b>6.86</b>	0.150	10/28/2023	ND	6.10	102	6.00	2.87	GC-NC1	
Total BTEX	<b>8.34</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 279 % 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	<b>160</b>	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<b>491</b>	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<b>2670</b>	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<b>519</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 2 (H235858-31)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	172	85.9	200	3.07		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 3 (H235858-32)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
<b>Total Xylenes*</b>	<b>0.283</b>	0.150	10/28/2023	ND	6.10	102	6.00	2.87	GC-NC1	
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	191	95.5	200	0.377		
<b>DRO &gt;C10-C28*</b>	<b>209</b>	10.0	10/27/2023	ND	172	85.9	200	3.07		
<b>EXT DRO &gt;C28-C36</b>	<b>27.2</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 4 (H235858-33)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
<b>Toluene*</b>	<b>0.083</b>	0.050	10/28/2023	ND	2.04	102	2.00	2.46	GC-NC1	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
<b>Total Xylenes*</b>	<b>2.79</b>	0.150	10/28/2023	ND	6.10	102	6.00	2.87	GC-NC1	
<b>Total BTEX</b>	<b>2.88</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 308 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>228</b>	10.0	10/27/2023	ND	185	92.4	200	1.76		
<b>DRO &gt;C10-C28*</b>	<b>1810</b>	10.0	10/27/2023	ND	182	91.1	200	0.450	QM-07	
<b>EXT DRO &gt;C28-C36</b>	<b>336</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 5 (H235858-34)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<b>0.131</b>	0.050	10/28/2023	ND	2.04	102	2.00	2.46	GC-NC1	
Ethylbenzene*	<b>0.551</b>	0.050	10/28/2023	ND	2.04	102	2.00	2.88	GC-NC1	
Total Xylenes*	<b>3.53</b>	0.150	10/28/2023	ND	6.10	102	6.00	2.87	GC-NC1	
Total BTEX	<b>4.22</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 233 % 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	<b>160</b>	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<b>129</b>	10.0	10/27/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<b>1240</b>	10.0	10/27/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<b>229</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 6 (H235858-35)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
<b>Toluene*</b>	<b>0.068</b>	0.050	10/28/2023	ND	2.04	102	2.00	2.46	GC-NC1	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
<b>Total Xylenes*</b>	<b>2.75</b>	0.150	10/28/2023	ND	6.10	102	6.00	2.87	GC-NC1	
<b>Total BTEX</b>	<b>2.81</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 313 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>16.0</b>	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>161</b>	10.0	10/27/2023	ND	185	92.4	200	1.76		
<b>DRO &gt;C10-C28*</b>	<b>1420</b>	10.0	10/27/2023	ND	182	91.1	200	0.450		
<b>EXT DRO &gt;C28-C36</b>	<b>290</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 7 (H235858-36)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	11.2	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	11.9	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 8 (H235858-37)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<b>0.174</b>	0.050	10/28/2023	ND	2.04	102	2.00	2.46	GC-NC1	
Ethylbenzene*	<b>0.578</b>	0.050	10/28/2023	ND	2.04	102	2.00	2.88	GC-NC1	
Total Xylenes*	<b>2.78</b>	0.150	10/28/2023	ND	6.10	102	6.00	2.87	GC-NC1	
Total BTEX	<b>3.53</b>	0.300	10/28/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 162 % 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	<b>288</b>	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<b>218</b>	10.0	10/27/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<b>1100</b>	10.0	10/27/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<b>188</b>	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 9 (H235858-38)**

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	10/28/2023	ND	1.99	99.5	2.00	2.55		
Toluene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.46		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.04	102	2.00	2.88		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.10	102	6.00	2.87		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 120 % 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	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	64.4	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 10 (H235858-39)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42	QR-03	
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772	QR-03	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74	QR-03	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12	QR-03	
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	74.7	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 11 (H235858-40)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	136	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	10.9	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 12 (H235858-41)**

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	10/30/2023	ND	1.99	99.7	2.00	1.42		
<b>Toluene*</b>	<b>0.549</b>	0.050	10/30/2023	ND	2.02	101	2.00	0.772	GC-NC1	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.03	102	2.00	1.74		
<b>Total Xylenes*</b>	<b>10.2</b>	0.150	10/30/2023	ND	6.15	102	6.00	2.12	GC-NC1	
<b>Total BTEX</b>	<b>10.7</b>	0.300	10/30/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PII) 576 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>724</b>	50.0	10/27/2023	ND	185	92.4	200	1.76		
<b>DRO &gt;C10-C28*</b>	<b>4930</b>	50.0	10/27/2023	ND	182	91.1	200	0.450		
<b>EXT DRO &gt;C28-C36</b>	<b>896</b>	50.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 13 (H235858-42)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 121 % 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	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	20.3	10.0	10/27/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	558	10.0	10/27/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	125	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 14 (H235858-43)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
<b>Total Xylenes*</b>	<b>0.162</b>	0.150	10/28/2023	ND	6.15	102	6.00	2.12	GC-NC1	
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	10/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>13.4</b>	10.0	10/28/2023	ND	185	92.4	200	1.76		
<b>DRO &gt;C10-C28*</b>	<b>320</b>	10.0	10/28/2023	ND	182	91.1	200	0.450		
<b>EXT DRO &gt;C28-C36</b>	<b>51.6</b>	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 15 (H235858-44)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 16 (H235858-45)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 17 (H235858-46)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 18 (H235858-47)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 19 (H235858-48)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 BH 20 (H235858-49)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 1 (H235858-50)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 3 (H235858-51)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 4 (H235858-52)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	185	92.4	200	1.76		
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	182	91.1	200	0.450		
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND						

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 5 (H235858-53)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 6 (H235858-54)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 7 (H235858-55)**

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	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 8 (H235858-56)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 9 (H235858-57)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 2 (H235858-58)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.99	99.7	2.00	1.42		
Toluene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.772		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.03	102	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.15	102	6.00	2.12		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/25/2023  
 Reported: 10/31/2023  
 Project Name: TRUNK 2C CLOSURE SAMPLES  
 Project Number: TRUNK 2C  
 Project Location: JAL NM 32.049009-103.136180

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A 2 SW 10 (H235858-59)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTEX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91		
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09		
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND						

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LLS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSU. 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 GC DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6 °C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**BILL TO**

**ANALYSIS REQUEST**

Company Name: ETC Texas Pipeline, Ltd	Lindsey Nevels	Lindsey@wolffpackind.com	P.O. #E-22012-GL-21300201
Project Manager: Lindsey Nevels	State: NM	Zip: 8852	Company: ETC
Address:	City: Hobbs	Attn: Dean Erikson	Address: PO box 1226
City: Hobbs	State: NM	Zip: 8852	City: Hobbs
Phone #: 505.393.2326	Fax #: 505.393.2476	Project Owner: ETC	State: NM
Project #: E-22012-GL-21300201	Project Name: Trunk 2C	Closure Samples	Zip: 8852
Project Location: Jai NM	32.049009 -103.136180	Phone #: 505.393.2326	Fax #: 505.393.2476
Sampler Name: Lindsey Nevels			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H235858	1 A1 BH1								10/25/23					
	2 A1 BH2													
	3 A1 BH3													
	4 A1 BH4													
	5 A1 BH5													
	6 A1 BH6													
	7 A1 BH7													
	8 A1 BH8													
	9 A1 BH9													
	10 A1 BH10													

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Relinquished By: Nevels, Lindsey Date: 10-25-23 Time: 1:55

Received By: [Signature] Date: 10-25-23 Time: 1:55

Observed Temp. °C: 5.6 Corrected Temp. °C: \_\_\_\_\_

Sampler - UPS - Bus - Other: \_\_\_\_\_

Delivered By: (Circle One) \_\_\_\_\_

Sample Condition:  Intact  Cool  Yes  No

Checked By: [Signature]

Turnaround Time: Standard  Rush

Thermometer ID: #119 #140 Correction Factor: 0.0

Bacteria (only) Sample Condition:  Intact  Cool  Yes  No

Observed Temp. °C: \_\_\_\_\_ Corrected Temp. °C: \_\_\_\_\_

Remarks: \_\_\_\_\_

Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_

All Results are emailed. Please provide Email address: \_\_\_\_\_



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC Texas Pipeline, Ltd Project Manager: Lindsey Nevels Address: City: State: Zip: Phone #: Fax #: Project #:		P.O. #E-22012-GL-21300201 Company: ETC Attn: Dean Erikson Address: PO box 1226 City: Jai State: NM Zip: 8852 Phone #:		<b>BILL TO</b> <b>ANALYSIS REQUEST</b>																											
Project Name: E-22012-GL-21300201 Project Location: Jai NM Project Owner: ETC Closure Samples		Trunk 2C 32.049009 -103.136180		Date: 11/25/23																											
Sampler Name: Lindsey Nevels		Matrix: <table border="1"> <tr><td>GROUNDWATER</td><td></td></tr> <tr><td>WASTEWATER</td><td></td></tr> <tr><td>SOIL</td><td>X</td></tr> <tr><td>OIL</td><td></td></tr> <tr><td>SLUDGE</td><td></td></tr> <tr><td>OTHER :</td><td></td></tr> </table>		GROUNDWATER		WASTEWATER		SOIL	X	OIL		SLUDGE		OTHER :		Preservation: <table border="1"> <tr><td>ACID/BASE:</td><td></td></tr> <tr><td>ICE / COOL</td><td>✓</td></tr> <tr><td>OTHER :</td><td></td></tr> </table>		ACID/BASE:		ICE / COOL	✓	OTHER :		Sampling: <table border="1"> <tr><td>Chloride</td><td></td></tr> <tr><td>BTEX</td><td></td></tr> <tr><td>TPH</td><td>✓</td></tr> </table>		Chloride		BTEX		TPH	✓
GROUNDWATER																															
WASTEWATER																															
SOIL	X																														
OIL																															
SLUDGE																															
OTHER :																															
ACID/BASE:																															
ICE / COOL	✓																														
OTHER :																															
Chloride																															
BTEX																															
TPH	✓																														
Lab I.D. H235888		Sample I.D.		Date Time																											
11 A1 BH 11 12 A1 BH 12 13 A1 BH 13 14 A1 BH 14 15 A1 BH 15 16 A1 BH 16 17 A1 BH 17 18 A1 BH 18 19 A1 BH 19 20 A1 BH 20		(G)RAB OR (C)OMP # CONTAINERS MATRIX PRESERV SAMPLING		11/25/23																											
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Relinquished By: <i>[Signature]</i>		Received By: <i>[Signature]</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:																											
Date: 11-25-23 Time: 1:55		Date: 11/25/23 Time:		All Results are emailed. Please provide Email address:																											
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp.: 5.6 Corrected Temp.: C		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp.: C Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp.: C																											
Checked By: <i>[Signature]</i>		Sample Condition: <table border="1"> <tr><td>Cool Intact</td><td>Yes</td></tr> <tr><td>Yes</td><td>Yes</td></tr> <tr><td>No</td><td>No</td></tr> </table>		Cool Intact	Yes	Yes	Yes	No	No	REMARKS:																					
Cool Intact	Yes																														
Yes	Yes																														
No	No																														

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





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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: ETC Texas Pipeline, Ltd  
 Project Manager: Lindsey Nevels  
 Address: Lindseyn@wolfpackind.com  
 City: State: Zip: Company: ETC  
 Attn: Dean Erikson  
 Address: PO box 1226  
 City: Jai  
 State: NM Zip: 8852  
 Project Name: E-22012-GL-21300201 Trunk 2C Closure Samples  
 Project Location: Jai NM 32.049009 -103.136180  
 Project #: Project Owner: ETC  
 Sampler Name: Lindsey Nevels  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H235858	A1 SW 1								10/25/23					
	A1 SW 2													
	A1 SW 3													
	A1 SW 4													
	A1 SW 5													
	A1 SW 6													
	A1 SW 7													
	A1 SW 8													
	A1 SW 9													

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Relinquished By: *Lindsey Nevels*  
 Date: 10/25/23  
 Time: 1555  
 Received By: *Maura Clarke*  
 Date: 10/25/23  
 Time: 1555

Verbal Result:  Yes  No  Add'l Phone #:  
 All Results are emailed. Please provide Email address:

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other:  Other:  Corrected Temp. °C: 5.6  
 Observed Temp. °C: 5.6  
 Sample Condition: Cool Intact  Yes  No  
 Checked By: (Initials) *ao*  
 Turnaround Time: Standard  Rush   
 Thermometer ID #449 #140  
 Correction Factor 0.5°C  
 Bacteria (only) Sample Condition: Cool Intact  Yes  No  
 Corrected Temp. °C:  Yes  No



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC Texas Pipeline, Ltd

Project Manager: Lindsey Nevels Lindseyn@wolpackind.com

Address:

City: State: Zip:

Phone #: Fax #:

Project #: Project Owner: ETC

Project Name: E-22012-GL-21300201 Trunk 2C Closure Samples

Project Location: Jal NM 32.049009 -103.136180

Sampler Name: Lindsey Nevels

FOR LAB USE ONLY

**BILL TO**  
P.O. # E-22012-GL-21300201

Company: ETC

Attn: Dean Erikson

Address: PO box 1226

City: Jal State: NM Zip: 8852

Phone #:

Fax #:

**ANALYSIS REQUEST**

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE					
H235855	30 A2 BH 1														
	31 A2 BH 2														
	32 A2 BH 3														
	33 A2 BH 4														
	34 A2 BH 5														
	35 A2 BH 6														
	36 A2 BH 7														
	37 A2 BH 8														
	38 A2 BH 9														
	39 A2 BH 10														

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Relinquished By: *[Signature]*  
Date: 11-23-23  
Time: 1555

Received By: *[Signature]*  
Date: 11-23-23  
Time: 1555

Verbal Result:  Yes  No  Add'l Phone #:  
All Results are emailed. Please provide Email address:  
REMARKS:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Observed Temp. °C: 5.6  
Corrected Temp. °C:

Sample Condition  
Cool Intact  Yes  No  
Yes  No

CHECKED BY: (Initials)  
AP

Turnaround Time:  
Thermometer ID #113  
Correction Factor 0.5°C #146

Standard  Bacteria (only)   
Cool Intact  Sample Condition   
Yes  Observed Temp. °C   
No  Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: ETC Texas Pipeline, Ltd  
 Project Manager: Lindsey Nevels  
 Address: Lindseyn@wolfpackind.com  
 City: State: Zip: Company: ETC  
 Attn: Dean Erikson  
 Phone #: Fax #: Project Owner: ETC  
 Project #: Address: PO box 1226  
 Project Name: E-22012-GL-21300201 Trunk 2C Closure Samples  
 City: Jai  
 Project Location: Jai NM 32.049009 -103.136180  
 State: NM Zip: 8852  
 Sampler Name: Lindsey Nevels  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H235858	A2													
40	A2													
41	A2													
42	A2													
43	A2													
44	A2													
45	A2													
46	A2													
47	A2													
48	A2													
49	A2													

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Relinquished By: *[Signature]*  
 Date: 10-25-23  
 Time: 10:55  
 Received By: *[Signature]*  
 Date: 10-25-23  
 Time: 10:55  
 Verbal Result:  Yes  No  Add'l Phone #:  
 All Results are emailed. Please provide Email address:  
 REMARKS:

Delivered By: (Circle One) Observed Temp. °C: 56  
 Sampler - UPS - Bus - Other: Corrected Temp. °C:  Sample Condition Cool Intact  Yes  No  
 CHECKED BY: (Initials) *[Signature]*  
 Turnaround Time: Standard  Bacteria (only)  Add'l Phone #:  
 Thermometer ID #113-#140  Cool Intact  Yes  No  
 Correction Factor -0.5°C  Bacteria (only)  Add'l Phone #:  
 Corrected Temp. °C  Observed Temp. °C  Corrected Temp. °C





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: ETC Texas Pipeline, Ltd  
 Project Manager: Lindsey Nevels  
 Address: Lindseyn@wolfpackind.com  
 City: State: Zip: Company: ETC  
 Attn: Dean Erikson  
 Address: PO box 1226  
 City: Jai  
 Project #: Project Owner: ETC  
 Project Name: E-22012-GL-21300201 Trunk 2C Closure Samples  
 State: NM Zip: 8852  
 Project Location: Jai NM 32.049009 -103.136180  
 Phone #: State: NM Zip: 8852  
 Sampler Name: Lindsey Nevels  
 Fax #: Phone #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE TIME	Chloride	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
H235858	50 A2 SW 1								10/25/23				
	51 A2 SW 3												
	52 A2 SW 4												
	53 A2 SW 5												
	54 A2 SW 6												
	55 A2 SW 7												
	56 A2 SW 8												
	57 A2 SW 9												
	58 A2 SW 9												
	59 A2 SW 10												

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Relinquished By: *Nevels*  
 Date: 10-25-23  
 Time: 1:55  
 Received By: *Dean Erikson*  
 Date: *10/25/23*  
 Time: *1:55*

Delivered By: (Circle One) Observed Temp. °C: *5.6*  
 Corrected Temp. °C: *5.6*  
 Sampler - UPS - Bus - Other:  UPS  Bus  Other  
 Sample Condition: Cool Intact  Yes  No  
 Checked By: *JD*  
 Turnaround Time: Standard  Rush   
 Thermometer ID: *444* *H140*  
 Correction Factor: *0.56*  
 Bacteria (only) Sample Condition: Cool Intact  Yes  No  
 Corrected Temp. °C: *5.6*

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November 03, 2023

LINDSEY NEELS  
ENERGY TRANSFER

P O BOX 1226  
JAL, NM 88252

RE: TRUNK 2C

Enclosed are the results of analyses for samples received by the laboratory on 10/27/23 12:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22 15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accr\\_cred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accr_cred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRJNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 1 (H235908-01)**

B EX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	179	89.5	200	1.32		
DRO <C10-C28*	<10.0	10.0	11/01/2023	ND	168	83.8	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND						


Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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\*-Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 2 (H235908-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	179	89.5	200	1.32		
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	168	83.8	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND						

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 3 (H235908-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	179	89.5	200	1.32		
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	168	83.8	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND						

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
 LINDSEY NEVELS  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/27/2023  
 Reported: 11/03/2023  
 Project Name: TRUNK 2C  
 Project Number: OVERSPRAY  
 Project Location: JAL NM

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: OS BH 4 (H235908-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	179	89.5	200	1.32		
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	168	83.8	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND						

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 5 (H235908-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	179	89.5	200	1.32		
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	168	83.8	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND						

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 6 (H235908-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	179	89.5	200	1.32		
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	168	83.8	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND						

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 7 (H235908-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	179	89.5	200	1.32		
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	168	83.8	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND						

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 8 (H235908-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	179	89.5	200	1.32		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	168	83.8	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 9 (H235908-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 10 (H235908-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 11 (H235908-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 99.3 % 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	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 12 (H235908-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 13 (H235908-13)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 14 (H235908-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 15 (H235908-15)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 16 (H235908-16)**

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	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 17 (H235908-17)**

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	11/02/2023	ND	2.03	101	2.00	7.87		
Toluene*	<0.050	0.050	11/02/2023	ND	1.93	96.4	2.00	5.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.01	101	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.02	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 97.3 % 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	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 18 (H235908-18)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 19 (H235908-19)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 20 (H235908-20)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 21 (H235908-21)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 22 (H235908-22)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 23 (H235908-23)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 24 (H235908-24)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 25 (H235908-25)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 26 (H235908-26)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 27 (H235908-27)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 28 (H235908-28)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	171	85.3	200	0.658		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	163	81.7	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 29 (H235908-29)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 30 (H235908-30)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 31 (H235908-31)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 32 (H235908-32)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 33 (H235908-33)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND						

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 34 (H235908-34)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY LEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 35 (H235908-35)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 36 (H235908-36)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 37 (H235908-37)**

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	11/02/2023	ND	2.02	101	2.00	2.02		
Toluene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	2.48		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.09	105	2.00	0.695		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.30	105	6.00	0.883		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 38 (H235908-38)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 39 (H235908-39)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 40 (H235908-40)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 41 (H235908-41)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 42 (H235908-42)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 43 (H235908-43)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 44 (H235908-44)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 45 (H235908-45)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 46 (H235908-46)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 47 (H235908-47)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	384	96.0	400	11.8		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 48 (H235908-48)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	198	99.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	200	100	200	3.22		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 49 (H235908-49)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 50 (H235908-50)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 51 (H235908-51)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY LEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 52 (H235908-52)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 53 (H235908-53)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 54 (H235908-54)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 101 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 55 (H235908-55)**

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	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 56 (H235908-56)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 57 (H235908-57)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.16	108	2.00	2.54		
Toluene*	<0.050	0.050	11/02/2023	ND	2.14	107	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.13	106	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.59	110	6.00	2.71		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 102 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY LEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 58 (H235908-58)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 114 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 59 (H235908-59)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 114 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 60 (H235908-60)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 61 (H235908-61)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 62 (H235908-62)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: OVERSPRAY  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: OS BH 63 (H235908-63)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 114 % 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	11/02/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit.
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM450CI-B does not require samples be received at or below 0°C. Samples reported on an as received basis (wet) unless otherwise noted on report.

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 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

P.O. E-22012-GL-21300201

Company Name: Energy Transfer  
 Project Manager: Lindsey Nevels 432 241-2480  
 Address: Lindsey@wolfpackind.com  
 City: State: Zip:  
 Phone #: Fax #:  
 Project #: Project Owner: ETC  
 Project Name: Trunk 2c  
 Project Location: Lindsey Nevels  
 Sampler Name: Lindsey Nevels  
 Company: Dean Erikson  
 Attn: Address: City: Jai  
 State: NM Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						
H2359208	05 BH 1			X								10/25/23				
	05 BH 2			X												
	05 BH 3			X												
	05 BH 4			X												
	05 BH 5			X												
	05 BH 6			X												
	05 BH 7			X												
	05 BH 8			X												
	05 BH 9			X												
	05 BH 10			X												

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Relinquished By: *Yousuf Mowad*  
 Date: 10/27/23  
 Time: 12:36  
 Received By: *William Kelly*  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One)  Bus - Other: \_\_\_\_\_  
 Observed Temp. °C: 31  
 Corrected Temp. °C: \_\_\_\_\_  
 Sample Condition:  Intact  Cool  Yes  No  
 CHECKED BY: (Initials) *YS*  
 Turnaround Time: Standard  Rush   
 Thermometer ID: #113-#140  
 Correction Factor: 0.2°C  
 Bacteria (only)  Sample Condition  Observed Temp. °C  
 Cool Intact  Yes  No  
 Corrected Temp. °C: \_\_\_\_\_

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

P.O. E-22012-GL-21300201

Company Name: Energy Transfer  
 Project Manager: Lindsey Nevells 432 241-2480  
 Address: Lindseyn@wolfpackind.com  
 City: State: Zip:  
 Phone #: Fax #:  
 Project #: Project Owner: ETC  
 Project Name: Trunk 2c  
 Project Location: Lindsey Nevells  
 Sample Name: OVERSPRAY  
 FOR LAB USE ONLY: Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: ACID/BASE, ICE / COOL, OTHER: PRESERV: SAMPLING: DATE: 11/16/23

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX
H235908	11 OS BH 11			SOIL			11/16/23				
	12 OS BH 12										
	13 OS BH 13										
	14 OS BH 14										
	15 OS BH 15										
	16 OS BH 16										
	17 OS BH 17										
	18 OS BH 18										
	19 OS BH 19										
	20 OS BH 20										

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Relinquished By: *Navin M. Nevells*  
 Date: 10-27-23  
 Time: 12:36  
 Received By: *[Signature]*  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C: 31  
 Sampler - UPS - Bus - Other: Corrected Temp. °C: \_\_\_\_\_  
 Sample Condition: Cool Intact  Yes  No  
 CHECKED BY: (Initials) *[Signature]*  
 Turnaround Time: Standard  Rush   
 Thermometer ID: #140  
 Bacteria (only) Sample Condition: Cool Intact  Yes  No  
 Corrected Temp. °C: \_\_\_\_\_

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

P.O. **E-22012-GL-21300201**

Company Name: Energy Transfer  
 Project Manager: Lindsey Nevels 432 241-2480  
 Address: Lindseyn@wolfpackind.com  
 City: State: Zip: Company: Dean Erikson  
 Phone #: Fax #: Attn: Address: City: Jal  
 Project #: Project Owner: ETC  
 Project Name: State: NM Zip:  
 Project Location: Trunk 2c  
 Sample Name: Lindsey Nevels  
 For Lab Use Only: *OVERSEEN*

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV	DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER						
<i>H235908</i>	<i>21 OS BH 21</i>														
	<i>22 OS BH 22</i>														
	<i>23 OS BH 23</i>														
	<i>24 OS BH 24</i>														
	<i>25 OS BH 25</i>														
	<i>26 OS BH 26</i>														
	<i>27 OS BH 27</i>														
	<i>28 OS BH 28</i>														
	<i>29 OS BH 29</i>														
	<i>30 OS BH 30</i>														

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Relinquished By: *Approved Moweb*  
 Date: *10-27-23*  
 Time: *12:34*  
 Received By: *Jessica Chubb*  
 Date: *10-27-23*  
 Time: *12:34*

Delivered By: (Circle One)  UPS  Bus  Other:   
 Unsaved Temp. °C: *31*  
 Corrected Temp. °C:   
 Sample Condition:  Intact  Cool  Yes  No  Yes  No  
 CHECKED BY: (Initials) *JCS*  
 Turnaround Time:  Standard  Rush  
 Thermometer ID #*444*  *#140*  
 Correction Factor: *0.55C*  
 Bacteria (only) Sample Condition:  Cool  Intact  Yes  No  Yes  No  Corrected Temp. °C

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

P.O. # **E-22012-GL-21300201**

Company Name: Energy Transfer	Project Manager: Lindsey Nevels 432 241-2480	Address: Lindseyn@wolfpackind.com	City: State: Zip:	Company: Dean Erikson	City: Address: State: Zip:
Project Name: Trunk 2c	Project Location: Lindsey Nevels	Project Owner: ETC	Project Owner: ETC	Phone #: Fax #:	Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
31	OS BA 31									11/16/23				
32	OS BA 32													
33	OS BA 33													
34	OS BA 34													
35	OS BA 35													
36	OS BA 36													
37	OS BA 37													
38	OS BA 38													
39	OS BA 39													
40	OS BA 40													

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Relinquished By: *Maryann Mawhood*  
 Date: 11-21-23  
 Time: 12:34  
 Received By: *Yvonne Caldwell*  
 Date: 11-21-23  
 Time: 12:34

Delivered By: (Circle One) Observed Temp. °C: **31**  
 Corrected Temp. °C: \_\_\_\_\_  
 Sample Condition:  Intact  Cool  Yes  No

Turnaround Time: \_\_\_\_\_ Standard  Rush   
 Thermometer ID: #43-#140  
 Corrective Factor: 0.5°C  
 Bacteria (only) Sample Condition:  Intact  Cool  Yes  No  
 Observed Temp. °C: \_\_\_\_\_ Corrected Temp. °C: \_\_\_\_\_



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

P.O. **E-22012-GL-21300201**

Company Name: Energy Transfer  
 Project Manager: Lindsey Nevels 432 241-2480  
 Address: Lindseyn@wolfpackind.com  
 City: State: Zip:  
 Phone #: Fax #:  
 Project #: Project Owner: ETC  
 Project Name: Trunk 2c  
 Project Location: Lindsey Nevels  
 Sampler Name: Lindsey Nevels  
 Signature: *Lindsey Nevels*

Company: Dean Erikson  
 Attn: Jai  
 Address: City: Jai  
 State: NM Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
HT35908	41 OS RAB 41								4/23					
	42 OS RAB 42													
	43 OS BHA 43													
	44 OS BHA 44													
	45 OS BHA 45													
	46 OS BHA 46													
	47 OS BHA 47													
	48 OS BHA 48													
	49 OS BHA 49													
	50 OS BHA 50													

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Relinquished By: *Morgan Williams*  
 Date: 11/22/23  
 Time: 12:34  
 Received By: *Morgan Williams*  
 Date: 11/22/23  
 Time: 12:34

Delivered By: (Circle One) Observed Temp. °C: 31  
 Sampler - UPS - Bus - Other: Corrected Temp. °C:  Yes  No  
 Sample Condition: Cool Intact  Yes  No  
 CHECKED BY: (Initials) *AD*  
 Turnaround Time: Standard  Rush   
 Thermometer ID #443 #140  
 Calibration Factor: 0.5°C  
 Bacteria (only) Sample Condition: Cool Intact  Yes  No  
 Corrected Temp. °C:  Yes  No

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Energy Transfer **BILL TO** ANALYSIS REQUEST

Project Manager: Lindsey Nevels 432 241-2480 P.O. E-22012-GL-21300201

Address: Lindseyn@wolfpackind.com Company: Dean Erikson

City: State: Zip: Attn: Jai

Phone #: Fax #: Project Owner: ETC City: Jai

Project #: Project Name: State: NM Zip:

Project Location: Trunk 2c Phone #: *CVASPRU*

Sampler Name: Lindsey Nevels Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
<i>H235908</i>	<i>OS BH 51</i>														
	<i>OS BH 52</i>														
	<i>OS BH 53</i>														
	<i>OS BH 54</i>														
	<i>OS BH 55</i>														
	<i>OS BH 56</i>														
	<i>OS BH 57</i>														
	<i>OS BH 58</i>														
	<i>OS BH 59</i>														
	<i>OS BH 60</i>														

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Relinquished By: *Yoshiah Mauer* Date: *10-27-23* Received By: *[Signature]*

Relinquished By: Date: *10-27-23* Received By: *[Signature]*

Delivered By: (Circle One) Observed Temp. °C: *31* Sample Condition:  Intact  Cool  Yes  No

Sampler - UPS - Bus - Other: Corrected Temp. °C: CHECKED BY: (Initials) *AD*

Turnaround Time: Standard  Rush  Bacteria (only) Sample Condition:  Cool  Intact  Yes  No

Thermometer ID #113 Correction Factor 0.016 #146 Corrected Temp. °C: Add'l Phone #: *[Signature]*

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

P.O. E-22012-GL-21300201

Company Name: Energy Transfer  
 Project Manager: Lindsey Nevels 432 241-2480  
 Address: Lindseyn@wolfpackind.com  
 City: State: Zip: Company: Dean Erikson  
 Phone #: Fax #: Atn:  
 Project #: Project Owner: ETC Address: Jai  
 Project Name: State: NM Zip:  
 Project Location: Trunk 2c Phone #:  
 Sampler Name: Lindsey Nevels Fax #:  
 DIVERSARY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H235908	61 OS B1 61								9/15/23					
	62 OS B1 62													
	63 OS B1 63													

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Relinquished By: *[Signature]* Date: 11-27-23  
 Received By: *[Signature]* Date: 11-23-23  
 Relinquished By: *[Signature]* Date: 11-23-23  
 Received By: *[Signature]* Date: 11-23-23

Delivered By: (Circle One) Observed Temp. °C: 31  
 Sampler - UPS - Bus - Other: Corrected Temp. °C:  Yes  No  
 Sample Condition:  Cool  Intact  
 CHECKED BY: (Initials) *[Signature]*  
 Turnaround Time: Standard  Rush   
 Thermometer ID #445 Corrected Factor 0.56 #140  
 Bacteria (only) Sample Condition:  Cool  Intact  
 Corrected Temp. °C:  Yes  No



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---

November 03, 2023

LINDSEY NEELS  
ENERGY TRANSFER  
P O BOX 1226  
JAL, NM 88252

RE: TRUNK 2C

Enclosed are the results of analyses for samples received by the laboratory on 10/27/23 12:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22 15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred/certi.html](http://www.tceq.texas.gov/field/qa/lab_accred/certi.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For 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:	10/27/2023	Sampling Date:	10/25/2023
Reported:	11/03/2023	Sampling Type:	Soil
Project Name:	TRJNK 2C	Sampling Condition:	Cool & Intact
Project Number:	AREA 2	Sample Received By:	Tamara Oldaker
Project Location:	JAL NM		

**Sample ID: A2 BH 20 (H235909-01)**

BTEX 8021B		mg/Ly		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 21 (H235909-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 114 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 22 (H235909-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
 LINDSEY NEVELS  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received: 10/27/2023  
 Reported: 11/03/2023  
 Project Name: TRUNK 2C  
 Project Number: AREA 2  
 Project Location: JAL NM

Sampling Date: 10/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 23 (H235909-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 24 (H235909-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 25 (H235909-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 26 (H235909-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 27 (H235909-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 28 (H235909-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 29 (H235909-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 30 (H235909-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 31 (H235909-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 32 (H235909-13)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 114 % 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 33 (H235909-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	68.6	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	19.1	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 34 (H235909-15)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY LEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 36 (H235909-17)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 120 % 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 37 (H235909-18)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY LEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 38 (H235909-19)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 39 (H235909-20)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 40 (H235909-21)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 114 % 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 41 (H235909-22)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	48.4	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	11.3	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 42 (H235909-23)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 43 (H235909-24)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD relative Percent Difference
- \*\* Samples not received at proper temperature of 0°C or below.
- \*\*\* insufficient time to reach temperature.
- Chloride by SM4100Cl-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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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Energy Transfer  
Project Manager: Lindsey Nevels 432 241-2480  
Address: Lindseym@wolfpackind.com

BILL TO  
P.O. E-22012-GL-21300201

ANALYSIS REQUEST

City: State: Zip:  
Phone #: Fax #:  
Project #: Project Owner: ETC

Company: Dean Erikson  
Attn: Jai  
Address: City: Jai  
State: NM Zip:

Project Name:  
Project Location: Trunk 2c  
Sampler Name: Lindsey Nevels

State: NM Zip:  
Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H35909	A2										10/18/13				
	A2	BH	20												
	A2	BH	21												
	A2	BH	22												
	A2	BH	23												
	A2	BH	24												
	A2	BH	25												
	A2	BH	26												
	A2	BH	27												
	A2	BH	28												
	A2	BH	29												

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Relinquished By: *Mouhamed Mawias*  
Date: 11-27-23  
Received By: *Mouhamed Mawias*  
Date: 11-27-23

Verbal Result:  Yes  No  Add'l Phone #:  
All Results are emailed. Please provide Email address:  
REMARKS:

Delivered By: (Circle One)  
 UPS  Bus  Other  
 Observed Temp: °C 31  
 Corrected Temp: °C  
 Sample Condition:  Intact  Cool  Yes  No  
 CHECKED BY: (Initials) *AS*  
 Turnaround Time: Standard  Bacteria (only)   
 Thermometer ID: #449  Rush   
 Correction Factor: 0.5°C #140   
 Bacteria (only) Sample Condition:  Cool  Intact  Observed Temp: °C  
 Yes  No  Corrected Temp: °C

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





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Energy Transfer  
Project Manager: Lindsey Nevels 432 241-2480  
Address: Lindsey@wolfpackind.com  
City: State: Zip:

Phone #: Fax #:  
Project #: Project Owner: ETC  
Project Name:  
Project Location: Trunk 2c  
Sampler Name: Lindsey Nevels

FOR LAB USE ONLY  
Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Project Name: Trunk 2c  
Project Location: Lindsey Nevels  
Sampler Name: Anna Z

Company: P.O. E-22012-GL-21300201  
Attn: Dean Erikson  
Address: City: Jai  
State: NM Zip:  
Phone #: Fax #:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Matrix: (G)RAB OR (C)OMP  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER:  
ACID/BASE:  
ICE / COOL  
OTHER:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	TPH	BTEX	REMARKS
H235909	BH 30						10/23	10:30				NO sample
	BH 31											
	BH 32											
	BH 33											
	BH 34											
	BH 35											
	BH 36											
	BH 37											
	BH 38											
	BH 39											
	BH 40											

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Relinquished By: *[Signature]* Date: 10-27-23  
Received By: *[Signature]* Date: 10-27-23

Delivered By: (Circle One)  UPS  Bus  Other:  Corrected Temp. °C: 31

Sample Condition:  Cool  Intact  Yes  No

Checked By: (Initials) *[Signature]*

Turnaround Time: Standard  Rush  Bacteria (only)  Cool Intact  Yes  No

Thermometer ID: #110  Calibration Factor:  Corrected Temp. °C:

Remarks: All Results are emailed. Please provide Email address:





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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Energy Transfer

Project Manager: Lindsey Nevels 432 241-2480

Address: Lindsey@wolfpackind.com

City: State: Zip:

Phone #: Fax #:

Project #: Project Owner: ETC

Project Name:

Project Location: Trunk 2c

Sampler Name: Lindsey Nevels

FOR LAB USE ONLY

**BILL TO**

P.O. E-22012-GL-21300201

**ANALYSIS REQUEST**

Company: Attn: Dean Erikson  
Address: City: Jai  
State: NM Zip:  
Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
435909	21																
	22																
	23																
	24																
	40																
	41																
	42																
	43																

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Relinquished By: [Signature]

Received By: [Signature]

Date: 10-27-23

Time: 1:36

Delivered By: (Circle One) Observed Temp. °C 31 Corrected Temp. °C

Sampler - UPS - Bus - Other: Sample Condition Cool Intact  Yes  No

Checked By: [Signature]

Turnaround Time: Standard  Rush

Bacteria (only) Sample Condition Cool Intact  Yes  No

Corrected Temp. °C

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



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November 06, 2023

DEAN ERIC SON  
ENERGY TRANSFER  
P O BOX 1226  
JAL, NM 88252

RE: TRUNK 2

Enclosed are the results of analyses for samples received by the laboratory on 10/30/23 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T-04704398 22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accr\\_cred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accr_cred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene  
Lab Director/Quality Manager





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

**Analytical Results For:**

ENERGY TRANSFER  
 DEAN ERICSON  
 P. O. BOX 1226  
 JAL NM, 88252  
 Fax To:

Received:	10/30/2023	Sampling Date:	10/25/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	TRUNK 2	Sampling Condition:	Cool & Intact
Project Number:	32.049009-103.136180	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: A2 - BH - 35 (H235942-01)**

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	11/06/2023	ND	2.1	105	2.00	4.5		
Toluene*	<0.050	0.050	11/06/2023	ND	1.91	95.3	2.00	2.87		
Ethylbenzene*	0.64	0.050	11/06/2023	ND	1.94	97.0	2.00	4.22	GC-NC1	
Total Xylenes*	0.342	0.150	11/06/2023	ND	5.76	95.9	6.00	3.78		
<b>Total BTEX</b>	<b>0.956</b>	<b>0.300</b>	<b>11/06/2023</b>	<b>ND</b>					<b>GC-NC1</b>	

Surrogate: 4-Bromofluorobenzene (PII) 297% 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>80.0</b>	<b>16.0</b>	<b>11/06/2023</b>	<b>ND</b>	<b>432</b>	<b>108</b>	<b>400</b>	<b>3.64</b>		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>240</b>	<b>50.0</b>	<b>11/03/2023</b>	<b>ND</b>	<b>203</b>	<b>102</b>	<b>200</b>	<b>3.10</b>		
<b>DRO &gt;C10-C28*</b>	<b>7320</b>	<b>50.0</b>	<b>11/03/2023</b>	<b>ND</b>	<b>209</b>	<b>104</b>	<b>200</b>	<b>0.5: 4</b>		
<b>EXT DRO &gt;C28-C36</b>	<b>1460</b>	<b>50.0</b>	<b>11/03/2023</b>	<b>ND</b>						

Surrogate: 1-Chlorooctane 118% 48.2-134

Surrogate: 1-Chlorooctadecane 140% 49.1-148

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\*: Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- GC-NC1 s2b0 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 SM450Cl-B does not require samples be received at or below 6°C  
Sample reported on an as-received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>ETC Texas Pipeline, Ltd</b> Project Manager: <b>Lindsey Nevels Lindsey Nevels Packing Co.</b>		<b>BILL TO</b> P.O. #: Company:	
Address: City: State: Zip:		Attn: Address: City: State: Zip:	
Phone #: Fax #: Project Owner: <b>ETC</b>		City: State: Zip:	
Project #: <b>Tunk2</b> Project Name: <b>E-2012-GAL-213002D1</b>		City: State: Zip:	
Project Location: <b>Gal NM 32.049009-103.136180</b>		State: Zip:	
Sampler Name: <b>Lindsey Nevels</b>		Phone #: Fax #:	
FOR LAB USE ONLY			
Lab I.D.  <b>H235942</b>	Sample I.D.  <b>A2-BH-35</b>	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	MATRIX PRESERV SAMPLING
		ACID/BASE: ICE / COOL OTHER:	DATE <b>D25</b>
		TIME	X Chloride X BTEX X TPH
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Relinquished By:  <b>Yvonne M. Nevels</b>	Date: <b>11-30</b>	Received By:  <b>Shoddiqury</b>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:  <b>Yvonne M. Nevels</b>	Date: <b>11-30</b>	Received By:  <b>Shoddiqury</b>	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <b>3.3</b>	Sample Condition Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Corrected Temp. °C	Checked By: <b>SW</b>	Bacteria (only) Sample Condition Cool Intact Yes <input type="checkbox"/> No <input type="checkbox"/>	Observed Temp. °C Corrected Temp. °C

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





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

November 03, 2023

LINDSEY NEELS  
ENERGY TRANSFER

P O BOX 1226  
JAL, NM 88252

RE: TRUNK 2C

Enclosed are the results of analyses for samples received by the laboratory on 10/27/23 12:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22 15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_aacred/certi.html](http://www.tceq.texas.gov/field/qa/lab_aacred/certi.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For Celey D. Keene  
Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY LEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received:	10/27/2023	Sampling Date:	10/25/2023
Reported:	11/03/2023	Sampling Type:	Soil
Project Name:	TRJNK 2C	Sampling Condition:	Cool & Intact
Project Number:	AREA 2	Sample Received By:	Tamara Oldaker
Project Location:	JAL NM		

**Sample ID: A2 BH 20 (H235909-01)**

BTEX 8021B		mg/..y		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 21 (H235909-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 114 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 22 (H235909-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 23 (H235909-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 24 (H235909-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	190	95.0	200	1.42		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	198	99.1	200	0.160		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 25 (H235909-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 26 (H235909-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 27 (H235909-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 28 (H235909-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 29 (H235909-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 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	11/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 30 (H235909-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 113 % 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 31 (H235909-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 32 (H235909-13)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 114 % 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 33 (H235909-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	99.8	2.00	3.37		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	4.63		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.12	102	6.00	4.47		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	68.6	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	19.1	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 34 (H235909-15)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 36 (H235909-17)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 120 % 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 37 (H235909-18)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 38 (H235909-19)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 39 (H235909-20)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

ENERGY TRANSFER  
LINDSEY NEVELS  
P. O. BOX 1226  
JAL NM, 88252  
Fax To:

Received: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 40 (H235909-21)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 114 % 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 41 (H235909-22)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	48.4	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	11.3	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 42 (H235909-23)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Mike Snyder For 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: 10/27/2023  
Reported: 11/03/2023  
Project Name: TRUNK 2C  
Project Number: AREA 2  
Project Location: JAL NM

Sampling Date: 10/25/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: A2 BH 43 (H235909-24)**

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	11/02/2023	ND	2.09	104	2.00	3.45		
Toluene*	<0.050	0.050	11/02/2023	ND	2.02	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.08	104	2.00	0.330		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.11	102	6.00	0.840		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PII) 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	11/02/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/02/2023	ND	205	103	200	2.47		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.7	200	1.20		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit.
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 0°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4100Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

P.O. E-22012-GL-21300201

ANALYSIS REQUEST

Company Name: Energy Transfer  
 Project Manager: Lindsey Nevels 432 241-2480  
 Address: Lindseym@wolfpackind.com  
 City: State: Zip:  
 Phone #: Fax #:  
 Project #: Project Owner: ETC  
 Project Name:  
 Project Location: Trunk 2c  
 Sampler Name: Lindsey Nevels

Company: Dean Erikson  
 Attn: Jai  
 Address: City: Jai  
 State: NM Zip:  
 Phone #: Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
HA35909	HA										10/18/23				
	1A2	BH	20												
	2A2	BH	21												
	3A2	BH	22												
	4A2	BH	23												
	5A2	BH	24												
	6A2	BH	25												
	7A2	BH	26												
	8A2	BH	27												
	9A2	BH	28												
	10A2	BH	29												

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Relinquished By: *Mouhieb Mawicas*  
 Date: 11-27-23  
 Time: 1:34  
 Received By: *Mouhieb Mawicas*  
 Date: 11-27-23  
 Time: 1:34

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other:  UPS  
 Observed Temp: °C 31  
 Corrected Temp: °C  
 Sample Condition: Cool  Intact   
 Checked By: (Initials) *AS*  
 Turnaround Time: Standard  Rush   
 Thermometer ID: #449  
 Correction Factor: -0.5°C  
 Bacteria (only) Sample Condition: Cool  Intact   
 Corrected Temp: °C

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





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Energy Transfer

Project Manager: Lindsey Nevels 432 241-2480

Address: Lindsey@wolfpackind.com

City: State: Zip:

Phone #: Fax #:

Project #: Project Owner: ETC

Project Name:

Project Location: Trunk 2c

Sampler Name: Lindsey Nevels

FOR LAB USE ONLY

BILL TO

P.O. E-22012-GL-21300201

ANALYSIS REQUEST

Company: Dean Erikson  
Attn: Jai  
Address: Jai  
City: NM  
State: NM Zip:  
Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H235909	BH 30														
	BH 31														
	BH 32														
	BH 33														
	BH 34														
	BH 35														
	BH 36														
	BH 37														
	BH 38														
	BH 39														
	BH 40														

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Relinquished By: [Signature]

Date: 10-27-23

Received By: [Signature]

Date: 10-27-23

Relinquished By: [Signature]

Date: 10-27-23

Received By: [Signature]

Date: 10-27-23

Relinquished By: [Signature]

Date: 10-27-23

Received By: [Signature]

Date: 10-27-23

Relinquished By: [Signature]

Date: 10-27-23

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Date: 10-27-23

Received By: [Signature]

Date: 10-27-23

Relinquished By: [Signature]

Date: 10-27-23

Received By: [Signature]

Date: 10-27-23

Relinquished By: [Signature]

Date: 10-27-23

Received By: [Signature]

Date: 10-27-23

Observed Temp: 31

Sample Condition: Cool Intact

CHECKED BY: [Signature]

Turnaround Time: Standard

Standard Rush

Bacteria (only) Cool Intact

Sample Condition Observed Temp: 31

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





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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Energy Transfer

Project Manager: Lindsey Nevels 432 241-2480

Address: Lindsey@wolfpackind.com

City: State: Zip:

Phone #: Fax #: Project Owner: ETC

Project #: Project Name:

Project Location: Trunk 2c

Sampler Name: Lindsey Nevels

FOR LAB USE ONLY

**BILL TO**  
P.O. E-22012-GL-21300201

**ANALYSIS REQUEST**

Lab I.D. Sample I.D.

Handwritten Lab I.D.: H635909  
Handwritten Sample I.D.: 21, 22, 23, 24

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						
21	BEL											10/25/23				
22	1021															
23	1021															
24	1021															

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Relinquished By: *[Signature]*

Date: 10-27-23

Received By: *[Signature]*

Verbal Result:  Yes  No Add'l Phone #:  
All Results are emailed. Please provide Email address:

REMARKS:

Delivered By: (Circle One)  
Sampler - UPS - Bus - Other:

Observed Temp. °C: 31  
Corrected Temp. °C:

Sample Condition  
Cool Intact  Yes  No  
Cool Intact  Yes  No

CHECKED BY: *[Signature]*

Turnaround Time: Standard  Rush

Thermometer ID: #113  
Correction Factor: #140

Bacteria (only) Sample Condition  
Cool Intact  Yes  No  
Observed Temp. °C: Corrected Temp. °C:

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

**Attachment V**  
**NMOCD Form C-141 Remediation Pages**

Closure Sample Notice- ETC Trunk 2C nAPP2125845353

Lindsey Nevels <Lindseyn@WolfPackInd.com>

Mon 10/23/2023 5:40 PM

To:OCD.Enviro@emnrd.nm.gov <OCD.Enviro@emnrd.nm.gov>

Cc:Ericson, Dean <Dean.ericson@energytransfer.com>;Chisum Moore <Chisumm@WolfPackInd.com>

Energy Transfer Trunk 2C

2 Day Notification for Closure samples

We will be collecting closure samples at the ETC Trunk2C (nAPP2125845353) Wednesday October 25, 2023, at 7a.m.

Respectively,

## Lindsey Nevels

Environmental Project Manager

WolfPack Industries, USA

Mail | 27120 Fulshear Bend Drive | Suite 900-314 | Fulshear, Texas 77441

(432) 241-2480 | Cell

(346) 707-8226 | Direct

[Lindseyn@wolfpackind.com](mailto:Lindseyn@wolfpackind.com)

[WolfPackInd.com](http://WolfPackInd.com)



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RE: [EXTERNAL] Closure Sample Notice- ETC Trunk 2C nAPP2125845353

Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Tue 10/24/2023 9:40 AM

To:Lindsey Nevels <Lindseyn@WolfPackInd.com>;Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>;Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>  
Cc:Ericson, Dean <Dean.ericson@energytransfer.com>;Chisum Moore <Chisumm@WolfPackInd.com>

Good morning Lindsey,

The OCD has received your notification. Notification requirements are **two full business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Lindsey Nevels <Lindseyn@WolfPackInd.com>

**Sent:** Monday, October 23, 2023 4:40 PM

**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

**Cc:** Ericson, Dean <Dean.ericson@energytransfer.com>; Chisum Moore <Chisumm@WolfPackInd.com>

**Subject:** [EXTERNAL] Closure Sample Notice- ETC Trunk 2C nAPP2125845353

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Energy Transfer Trunk 2C  
2 Day Notification for Closure samples

We will be collecting closure samples at the ETC Trunk2C (nAPP2125845353) Wednesday October 25, 2023, at 7a.m.

Respectively,

Lindsey Nevels

WolfPack Industries, USA  
Mail | 27120 Fulshear Bend Drive | Suite 900-314 | Fulshear, Texas 77441

(432) 241-2480 | Cell

(346) 707-8226 | Direct

[Lindseyn@wolfpackind.com](mailto:Lindseyn@wolfpackind.com)

[WolfPackInd.com](http://WolfPackInd.com)



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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

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

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

Incident ID	nAPP2125845353
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: ETC Texas Pipeline, Ltd.	OGRID: 371183
Contact Name: Carolyn Blackaller	Contact Telephone: (432) 203-8920
Contact email: <a href="mailto:Carolyn.blackaller@energytransfer.com">Carolyn.blackaller@energytransfer.com</a>	Incident # (assigned by OCD)
Contact mailing address: 600 N. Marienfeld St., Suite 700, Midland, TX 79701	

### Location of Release Source

Latitude 32.049009 Longitude -103.136180  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name: Trunk 2C Pipeline	Site Type: Pipeline
Date Release Discovered: 9/7/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
C	S14	T26S	R37E	Lea

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf): 2,374.8 mcf	Volume Recovered (Mcf): 0 mcf
<input checked="" type="checkbox"/> Other (describe) Ppl liquids	Volume/Weight Released (provide units): 31 bbls	Volume/Weight Recovered (provide units): 0 bbls

Cause of Release: The release was attributed to corrosion of the pipeline segment.




Oil Conservation Division

Incident ID	nAPP2125845353
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? An unauthorized release of gases exceeding 500 mcf. An unauthorized release of a volume of 25 barrels or more.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By Carolyn Blackaller to NMOCD District I & Jim Griswold via email on 9/9/2021 at 9:26 CST.	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:  	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Carolyn Blackaller</u>	Title: <u>Sr. Environmental Specialist</u>
Signature: <u></u>	Date: <u>9/15/2021</u>
email: <u>Carolyn.blackaller@energytransfer.com</u>	Telephone: <u>(432) 203-8920</u>
<b><u>OCD Only</u></b> Received by: <u>Ramona Marcus</u> Date: <u>9/16/2021</u>	

NAPP2125845353

**Gas Release Calc. (Leak, Relief Vlv, etc.)**

ENTER NUMBERS ONLY

Hole Diameter (ID):	6.00
Gauge Pressure:	7.0
Length of Time (Hrs):	8.0

<b>Total Mcf Lost</b>	<b>2374.8</b>
-----------------------	---------------

Spill Calcs	
Length (ft)	110.000
Width (ft)	50.000
Depth (in)	1.000
% Oil in Liquid	30.000
Porosity Factor	0.380
Vol. of Impacted Soil (ft <sup>3</sup> )	16.975
Oil in Soil (bbls)	9.306
H2O in Soil (bbls)	21.713



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

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

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

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

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

CONDITIONS  
 Action 49053

**CONDITIONS**

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 49053
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
marcus	None	9/16/2021

Incident ID	nAPP2125845353
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	95'(ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: Dean D. Ericson Title: Sr. Environmental Specialist

Signature: Dean D. Ericson Date: 04/07/22

email: dean.ericson@energytransfer.com Telephone: 432-238-2142

**OCD Only**

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



Incident ID	
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

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

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

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

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

Printed Name: Dean D. Ericson Title: Sr. Environmental Specialist

Signature: Dean D. Ericson Date: 040722

email: dean.ericson@energytransfer.com Telephone: 432-238-2142

**OCD Only**

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

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: Jennifer Nobui Date: 05/12/2022

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist: Each of the following items must be included in the closure report.**

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dean D. Ericson Title: Sr. Environmental Specialist  
 Signature: Dean D. Ericson Date: 11/14/23  
 email: dean.ericson@energytransfer.com Telephone: 432-238-2142

**OCD Only**

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

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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

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

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

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

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

CONDITIONS

Action 286489

**CONDITIONS**

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 286489
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	None	2/21/2024