



Remediation Closure

F-16 Pipeline

Lea County, New Mexico

Latitude 32.254198 North Longitude 103.074614 West

Unit Letter" O", Section 35, Township 21 South, Range 37 East

NMOCD Incident # nAPP2212446966

Prepared By:

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May 17, 2022

New Mexico Energy, Minerals & Natural Resources

NMOCD District 1

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ETC Texas Pipeline, LTD.

600 N Marinefield St. Suite 700

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RE: Remediation Work Plan

ETC, Texas Pipeline

F-16 Pipeline

Latitude 32.254198 North Longitude 103.074614 West

Unit Letter" O", Section 35, Township 21 South, Range 37East

Lea County, New Mexico

NMOCD Incident # nAPP2212446966

Ingram Professional Services, INC, (IPS), on behalf of ETC Texas Pipeline, Ltd. Submits this *Proposed Remediation Work Plan* to the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation of detailed sampling and proposed remedial actions to address the F-16 Pipeline release. This report serves as a condensed update on field activities undertaken at the afore referenced Site.



Project Information

The site is in Unit Letter O (SW/SE), Section 35, Township 21 South, Range 37 East. The spill area covers approximately 5730 Sq ft of land owned by Geraldin Osborn and is approximately 1 mile east of Eunice, New Mexico. Site Map included, respectively. Latitude 32.254198 North, Longitude 103.074614 West

1.0 Background

On April 23, 2022, a release was discovered on the F-16 Pipeline. The release was attributed to an unknown cause. The pipeline segment releasing approximately 51.2 BBLS of pipeline liquid and 203.9 mcf of natural gas. Due to sandy soils, vac truck was not accessible and zero was recovered.

On April 24-26, 2022, IPS responded to the location for emergency scrap of the effected area to mitigate the vertical and horizontal extent of impact at the release point, 120 yards of heavily impacted material scraped and disposed at Sundance Disposal.

Previously Submitted games of NMOCD Form c-141 are available on the NMOCD imaging System. Remediation pages of the NMOCD Formc-141 are included as attachment. Topographic Map, OSE POD Locations Map, Delineation Map, and Proposed Excavation Map are included as Figure 1, Figure 2, Figure 3, and Figure 4, respectively.

2.0 NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) groundwater databases was completed to determine the horizontal distance to known water sources within a four hundred fifty feet of the release site, these wells are recovery/monitoring wells, the closest potable water source is over one thousand feet from release point. Probable ground water depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided in Attachment and the results are depicted on Figures

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

Table 1

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
48'	Chloride (Cl-)	EPA 300.0 or SM4500 C1 B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8051M	-	-
	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
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*Measured in Milligrams (mg/kg)

†Table 1, section 19.15.29.12 of the New Mexico Administrative code (NMAC)

‡The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D. (1) NMAC.

Table 2

Timeline of Spill Response Activities		
Date	Activity	Notes
4/23/22	Release occurs	
4/24/22-4/26/22	IPS Inc Conducts Initial Site Assessment	Mapped area preformed initial scrap of saturated soils
5/9/22-5/10/22	Delineation Process	Vertical & Horizontal Delineation sample, submitted to Cardinal Laboratory
8/22/22-9/17/22	Excavation, disposal, sampling, and back fill	Mapped area shows excavated areas sampling and finished pictures

3.0 Delineation Activates

On May 9-10, IPS Inc., conducted site assessment. During the initial assessment, a series of soil borings and trenches were advanced within the release margins to determine the vertical and horizontal extent of impacted soil of the affected area. The release was categorized in two parts (area 1) and (area 2). During the advancement of the soil bores and 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.

● **Area 1** – Based on field observations and field test data, IPS collected (17) Seventeen representative soil samples for laboratory analysis

- Delineation soil samples represented by (V1 @ 4', 6', 8', 10'), (H1 through H1.3 @ 4' H2 through H2.2 @ 4' H3 through H3.2 @ 4' H4 through H4.2 @ 4') (V2 Through V4 @ 3', 4'), (H5 @ 2' through H9



@ 2') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were above the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples.

4.0 Proposed Actions

Based on the initial site assessment, and laboratory analytical results made during the initial site assessment, the following remediation activities are proposed to advance the site toward an approved closure.

- Based on PID readings, field chloride tests and laboratory result the site aeries to be delineated both horizontally and vertically apart from area 1 V1. A full delineation will be completed during final excavation activities.
- ETC respectfully proposes a total excavation depth of 12' bgs in the area represented by area 1.
- After excavating 12' bgs., confirmation vertical and horizontal samples will be collected and sent to the lab and test for Chloride, TPH, and BTEX are under NMOCD Closer Criteria reclamation standers.
- Based on PID readings, field chloride tests and laboratory result the site aeries to be delineated both horizontally and vertically apart from area 2 H5 @ 2' a full delineation will be completed during final excavation activates.
- The area represented as area 2 will be excavated to depths of 1' to 2' bgs or until laboratory results Chloride, TPH, and BTEX are under NMOCD Closer Criteria reclamation standers.
- After excavation, confirmation vertical and horizontal samples will be sent to a laboratory and be tested for Chlorides, TPH, and BTEX. All final confirmation analytical results and remediation activities will be documented in the Request for Closure Report submitted after final remediation activates are completed.
- Excavated soils will be transported for disposal to a NMOCD permitted disposal facility.



- Back fill will be sourced from native like material, clean soil, sourced locally from nearby area, approved by land owner.
- All area will be reseeded in the appropriate season with land owner approved seed mix
- A Request for Closure Report will be submitted detailing all remediation activities conducted in accordance with NMOCS.

Proposed excavation map is provided as figure 5, respectively.

5.0 Sample Plan:

Upon completion of excavation activities, confirmation five-point composite soil samples will be collected from the floor and sidewalls of the excavated area representing every 200 square feet.

Remediation Soil Volume:

(Area 1) 60'X48'X12', with approximately 1,664 yds removed.

(Area 2) 190'X15'X2' with approximately 275 yds removed.

Remediation activities are expected to be completed within 90 days of receiving necessary approval of the Remediation Work Plan.

Restoration, Reclamation, and Re-Vegetation

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



6.0 Remediation activates:

On 8/22/22-9/9/22 IPS began excavating and transporting impacted soil bas set forth in the remediation plan to Sundance Disposal. On 8/28/22, ETC's Sr. Environmental Specialist notified (email) NMOCD of a vertical sampling event scheduled for 8/30/22. On 8/30/22, ETC's Sr. Environmental Specialist notified (email) NMOCD vertical point contained rainwater and sampling event was canceled.

On 9/10/22, IPS began excavation and transporting backfill material to the site. On 9/12/22 IPS began to backfill the excavation site. The area was backfilled and packed in lifts to protect the integrity of all pipelines in the area. Backfilled activities concluded on 9/21/22. The area has been contoured and sloped to match surrounding area. Impacted area will be seeded at a later date at the appropriate with a seed mix of the owner's choice.

On 10/16/22, IPS Collected 95 confirmation soil samples in (area 1 V1 @ 24', H1 @ 4' through H4 @ 20'), (area 3 V1 @ 10' through area 3.11 H13 8'), (area 2 V1 @ 2' through area 2.13 H29 @ 1'). The soil samples were submitted to a certified commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and Chlorides. Laboratory analytical results indicate BTEX, TPH, and Chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Remediation Standards in each of the submitted soil samples.

Soil sample locations are depicted in Figure 7, Figure 8 "Site & Sample Location Map". Soil Chemistry date is summarized in Table #. Laboratory analytical reports are provided in Attachment 3 Laboratory Analytical reports.



Limitations:

Ingram Professional Services, INC, has prepared this Site Assessment and Proposed Remediation Request to the best of its ability. No other warranty, expressed or implied, is made or intended. IPS has examined the relied upon documents referenced in the report and on oral statements made by certain individuals. IPS has not conducted an independent examination of the facts contained in referenced materials and statements. IPS has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. IPS notes that the facts and conditions referenced in this report may change over time, and the conditions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. IPS 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 ETC, Texas Pipeline Ltd. Use of the information contained in this report is prohibited without consent of Ingram Professional Services and/or ETC, Texas Pipeline, Ltd.

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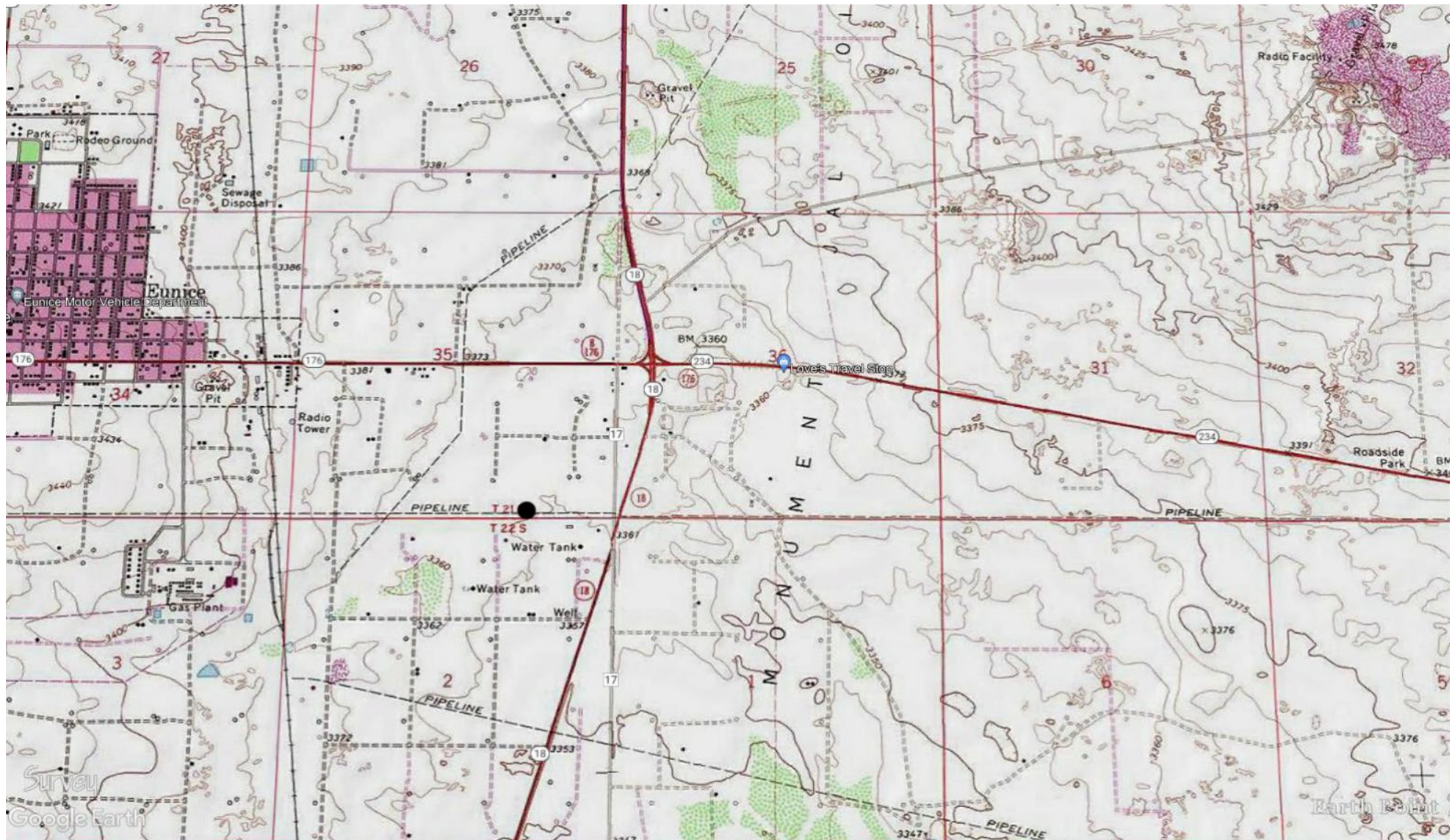


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Figures



Legend	OSE POD Locations Map	Figure 1
● F-16 Pipeline Location ● Water Well	Site F-16 Pipeline GPS: 32.254554, -103.074169 Lea County	



Legend	Topography Map	Figure 2
● F-16 Site location	ETC Texas Pipeline, Ltd. F-16 Pipeline GPS: 32.254554, -103.074169 Lea County	



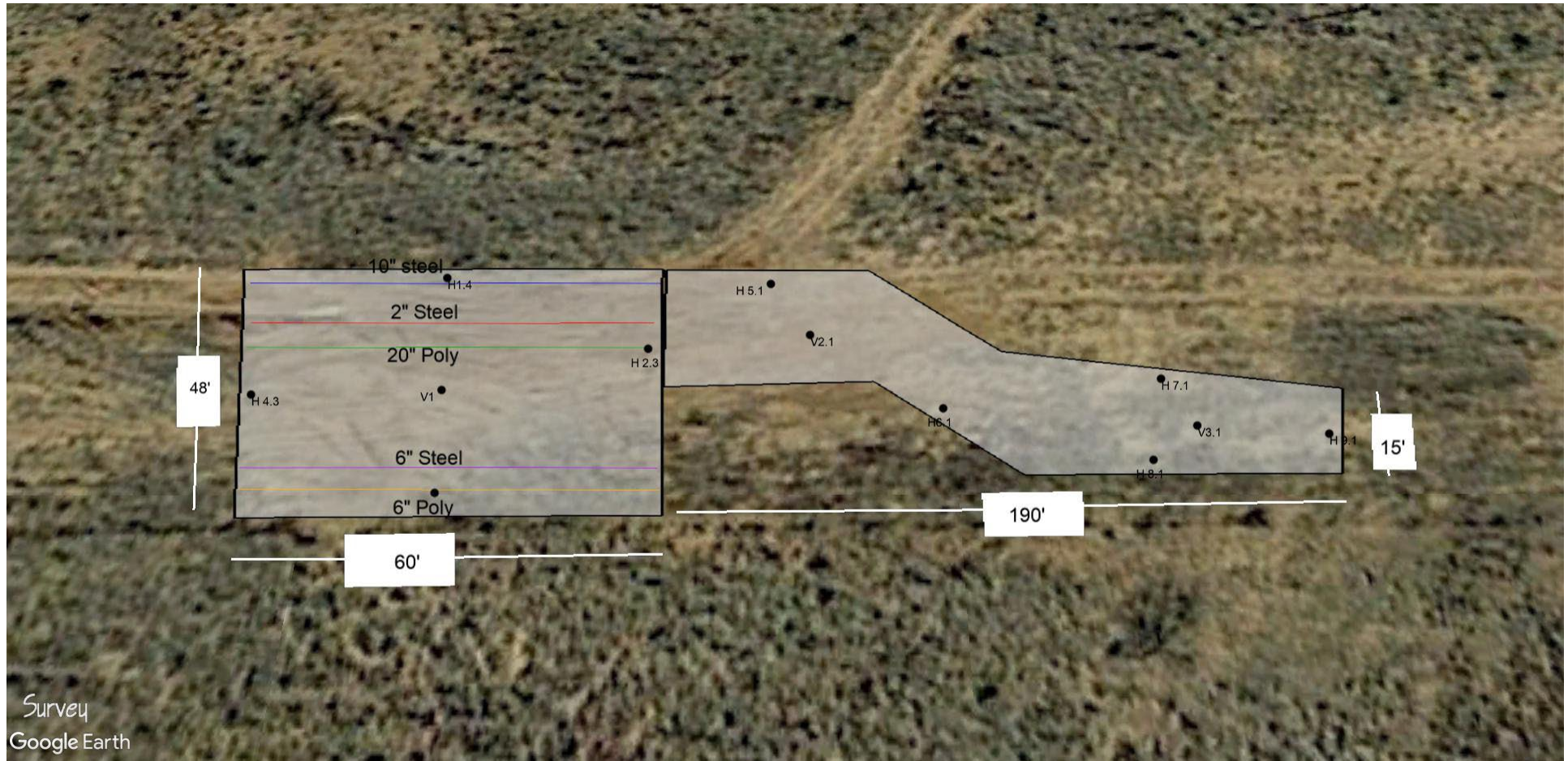
Legend	Sample Location Map	Figure 3
 Delineation Sample Location Map	ETC Texas Pipeline, Ltd. F-16 Pipeline GPS: 32.254554, -103.074169 Lea County	



Legend	Sample Location Map	Figure 4
 Proposed Excavation Map	ETC Texas Pipeline, Ltd. F-16 Pipeline GPS: 32.254554, -103.074169 Lea County	



Legend	Excavation Site	Figure 5
 Excavation Map & Samples	ETC Texas Pipeline, Ltd. F-16 Pipeline GPS: 32.254554, -103.074169 Lea County	



Legend	Excavation Site	Figure 6
 Excavation Map & Pipes	ETC Texas Pipeline, Ltd. F-16 Pipeline GPS: 32.254554, -103.074169 Lea County	

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Legend	Excavation Site	Figure 8
 Sample Area 2	ETC Texas Pipeline, Ltd. F-16 Pipeline GPS: 32.254554, -103.074169 Lea County	

Table

Sample Location	Sample Deoth (BGS)	Sample Date	Soil Status	Method: EPA SW 846-8021B, 5030					Method: 8015M			Total TPH	E 300
				Benzene (mg/KG)	Toluene (mg/Kg)	Ethyl- Benzene (mg/Kg)	Total Xylenes (mg/Kg)	Total Btex (mg/Kg)	Gro C ₆ -C ₁₂ (mg/Kg)	Dro C ₁₂ -C ₂₈ (mg/Kg)	EXT Dro C ₂₈ -C ₃₅ (mg/Kg)	C ₆ -C ₁₂ (mg/Kg)	Chloride (mg/Kg)
Area 1													
V1 4'	4'	5/10/2022	In-situ	0.1	2.94	5.89	21.2	30.13	759	8750	3080	12589	592
V1 6'	6'	5/10/2022	In-situ	0.5	13.1	22.2	76.7	112.5	2860	1780	82	4722	48
V1 8'	8'	5/10/2022	In-situ	0.5	9.25	17.4	61.4	88.55	2280	1750	108	4138	48
V1 10'	10'	5/10/2022	In-situ	1.07	18.1	15.1	84.2	118.47	2890	1180	85.6	4155.6	144
H1 4'	4'	5/10/2022	In-situ	0.649	17.5	28.4	95.5	142.049	3060	1730	73.8	4863.8	64
H1.1 4'	4'	5/10/2022	In-situ	1.16	20.2	25	72.9	119.26	2030	868	55.5	2953.5	160
H1.2 4'	4'	5/10/2022	In-situ	23	184	151	382	740	12400	12800	2990	28190	496
H1.3 4'	4'	5/10/2022	In-situ	0.05	0.191	0.099	0.204	0.544	10	10	10	30	160
H2 4'	4'	5/10/2022	In-situ	0.1	2.16	4.84	18.3	25.4	770	8510	2680	11960	576
H2.1 4'	4'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	48
H2.2 4'	4'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	48
H3 4'	4'	5/10/2022	In-situ	0.1	3	5.91	51.7	60.71	786	8920	3110	12816	672
H3.1 4'	4'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
H3.2 4'	4'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
H4 4'	4'	5/10/2022	In-situ	2.61	41.4	50	148	242.01	3210	1110	71.8	4391.8	160
H4.1 4'	4'	5/10/2022	In-situ	0.127	3.63	5.73	19.6	29.087	586	567	56.1	1209.1	160
H4.2 4'	4'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	160
Area 2													
V2 2'	2'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	352
v2 4'	4'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	11.5	10	31.5	64
V3 2'	2'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	144
V3 4'	4'	5/10/2022	In-situ	0.05	0.064	0.053	0.15	0.317	10	10.6	10	30.6	48
H5 2'	2'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	559	307	876	144
H6 2'	2'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	64
H7 2'	2'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	48
H8 2'	2'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
H9 2'	2'	5/10/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16



Sample Location	Sample Deoth (BGS)	Sample Date	Soil Status	Method: EPA SW 846-8021B, 5030					Method: 8015M			Total TPH C ₆ -C ₁₂ (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 ₆ -C ₁₂ (mg/Kg)	Dro C ₁₂ -C ₂₈ (mg/Kg)	EXT Dro C ₂₈ -C ₃₅ (mg/Kg)		
Area 1													
V1	22'	9/6/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	102	20.7	132.7	48
H 1.4	4'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H 2.3	4'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H 3.3	4'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H 4.3	4	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2													
V 2.1	4'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V 3.1	4'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H 5.1	3'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H 6.1	2'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H 7.1	2'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H 8.1	2'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H 9.1	2'	9/15/2022	Excavated	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16

Depth
(BGS)Sample
DateSoil
Status

Method: EPA SW 846-8021B, 5030

Method: 8015M

Total
TPH C₆-

F 300

Benzene
(mg/Kg)Toluene
(mg/Kg)Ethyl-
Benzene
(mg/Kg)Total
Xylenes
(mg/Kg)Total
Btex
(mg/Kg)Gro
C₆-C₁₂
(mg/Kg)Dro
C₁₂-C₂₈
(mg/Kg)EXT Dro
C₂₈-C₃₅
(mg/Kg)C₁₂
(mg/Kg)Chloride
(mg/Kg)

Area 1

V1	24'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
H1	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H1	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H1	12'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H1	16'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H2	12'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H2	16'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H2	20'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H3	12'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H3	16'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H3	20'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H4	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H4	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H4	12'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H4	16'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H4	20'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16

Area 3

V1	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H1	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
H1	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
V2	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H2	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H2	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
V3	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H3	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H3	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V4	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16



H4	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
H4	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H5	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H5	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V5	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H6	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H6	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V6	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V7	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V8	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H7	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H7	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V9	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H9	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H9	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V10	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H10	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H10	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V11	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H11	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H11	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V12	10'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H12	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H12	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H13	4'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H13	8'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
Area 2													
V1	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H1	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H2	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V2	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H3	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32



H4	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V3	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H5	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	32
H6	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V4	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H7	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H8	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V5	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H9	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H10	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V6	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H11	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H12	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V7	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H13	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H14	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V8	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H15	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H16	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V9	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H17	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H18	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V10	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H19	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H20	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V11	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H21	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H22	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V12	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H23	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H24	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V13	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16



H25	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H26	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
V14	2'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H27	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H28	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16
H29	1'	10/16/2022	In-situ	0.05	0.05	0.05	0.15	0.3	10	10	10	30	16

Attachment I

Site Photographs



Photographs

Photo: 1

Description: Release area.



Photo: 2

Description: Release area.





Photographs

Photo: 3

Description: Release area.



Photo: 4

Description: Release area.





Photographs

Photo: 5

Description: Emergency Scrape.



Photo: 6

Description: Emergency Scrape.





Photographs

Photo: 7

Description: Emergency Scrape.

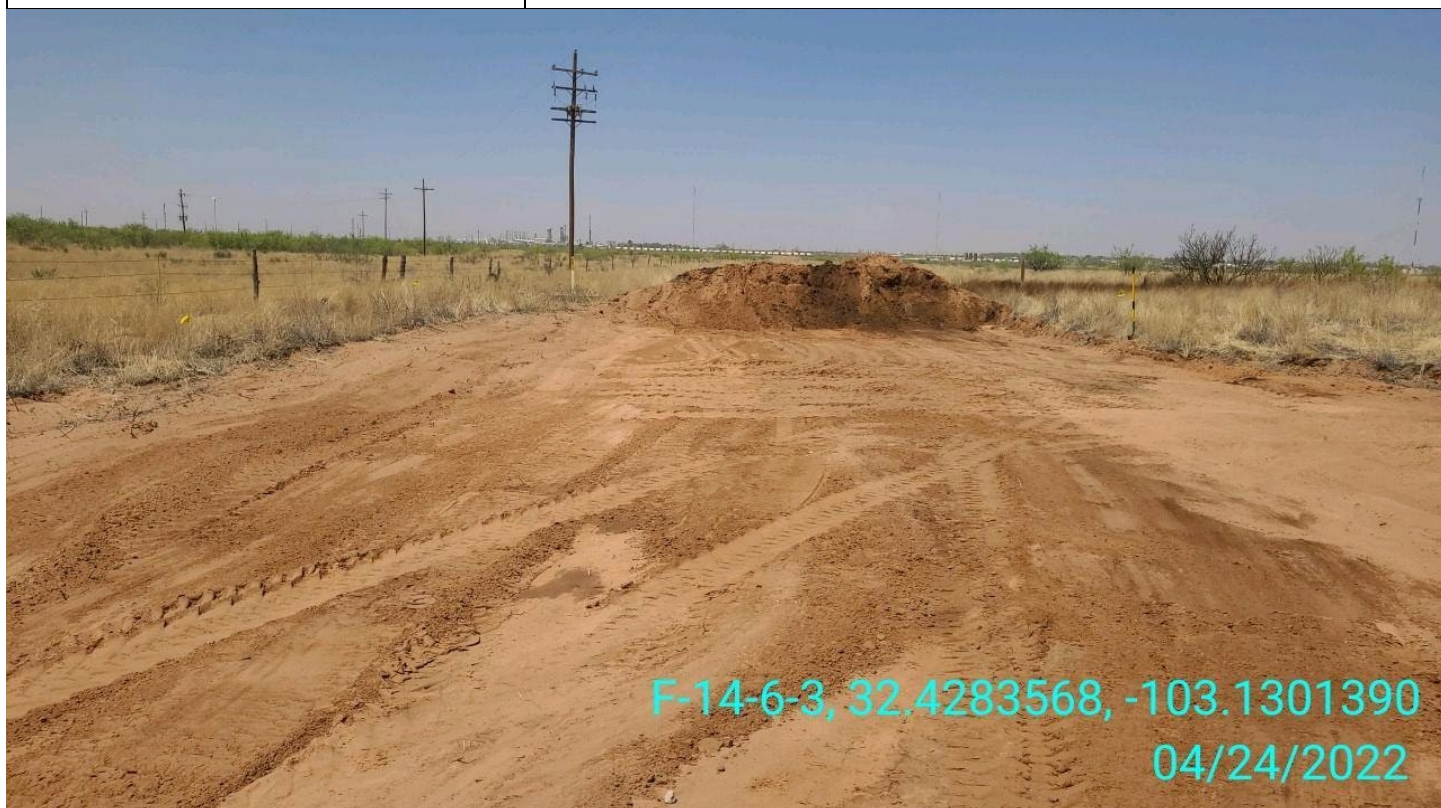
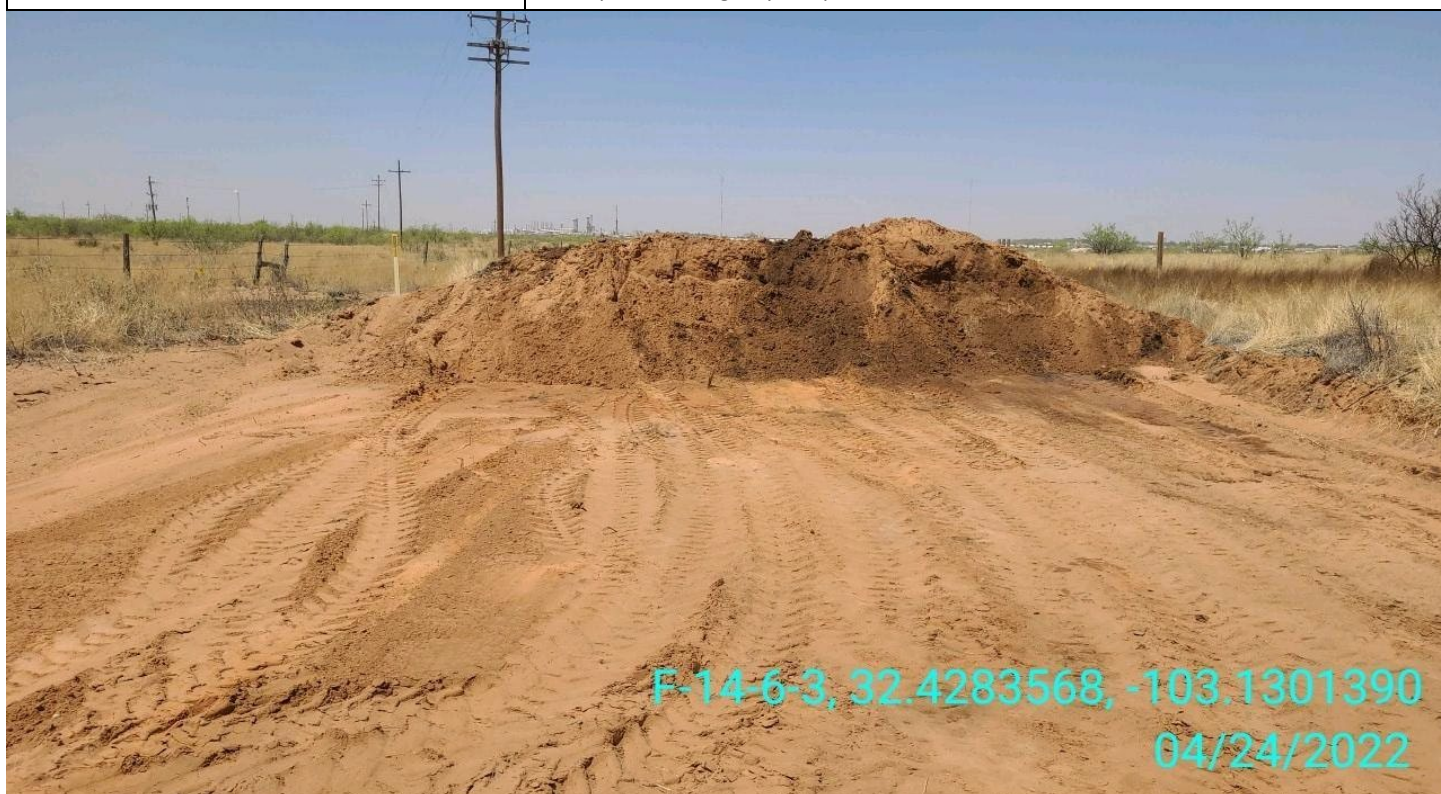


Photo: 8

Description: Emergency Scrape.





Photographs

Photo: 9

Description: Emergency Scrape.





Photographs

Photo: 10

Description: Excavation East looking West



Photo: 11

Description: Excavation SE looking NW





Photographs

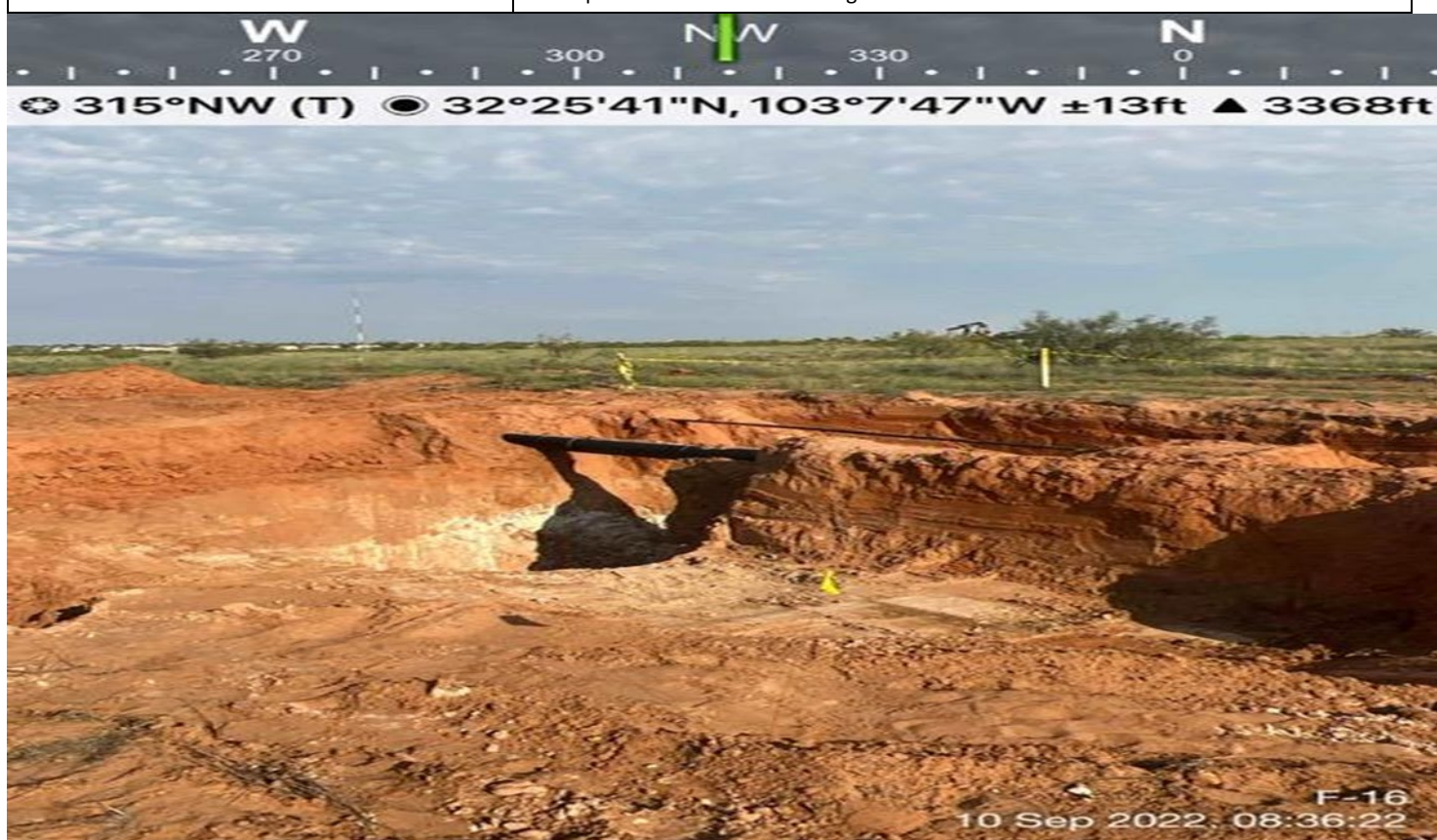
Photo: 12

Description: Excavation SE looking NW



Photo: 13

Description: Excavation SE looking NW





Photographs

Photo: 14

Description: Excavation East looking West.



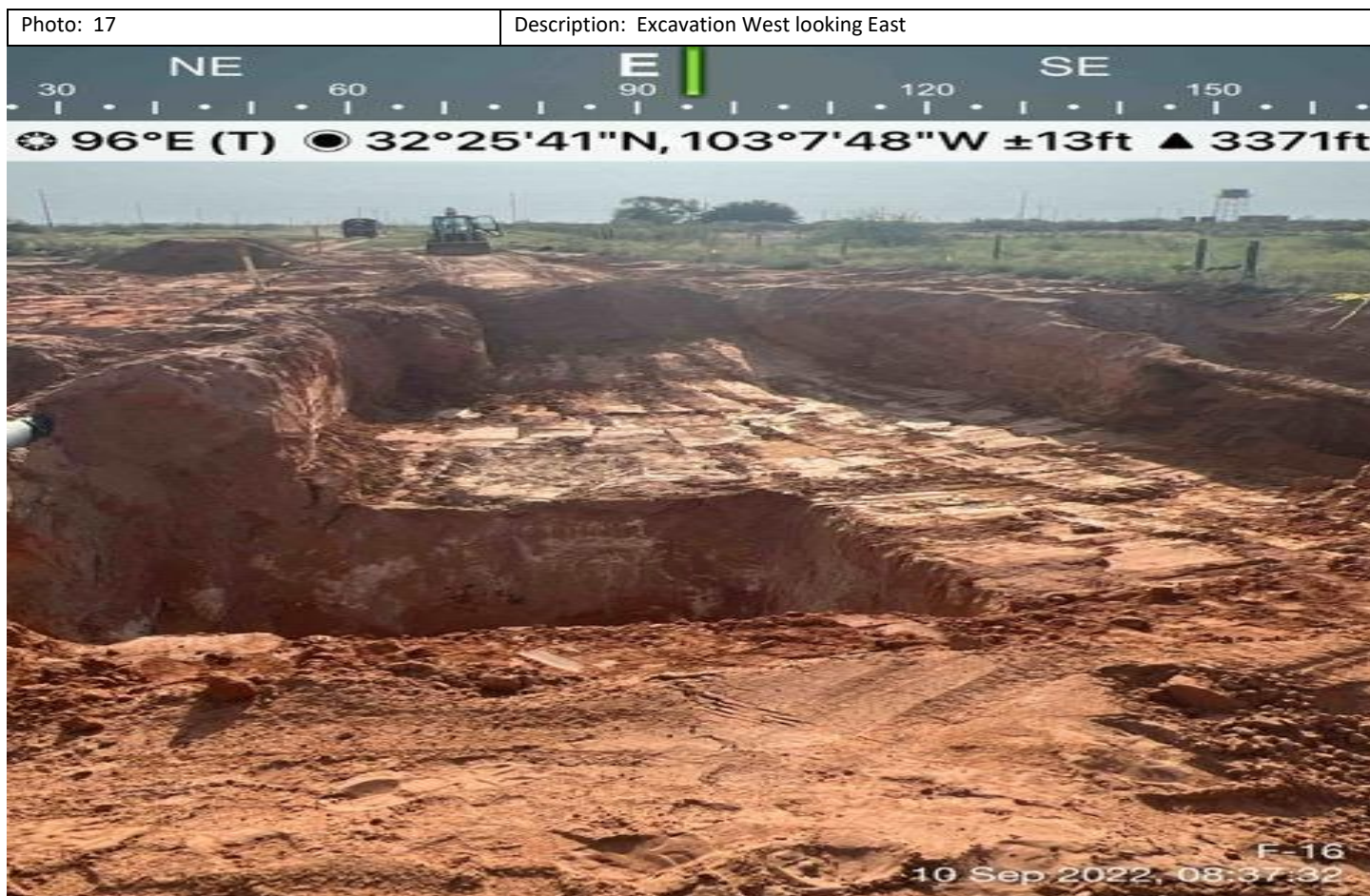
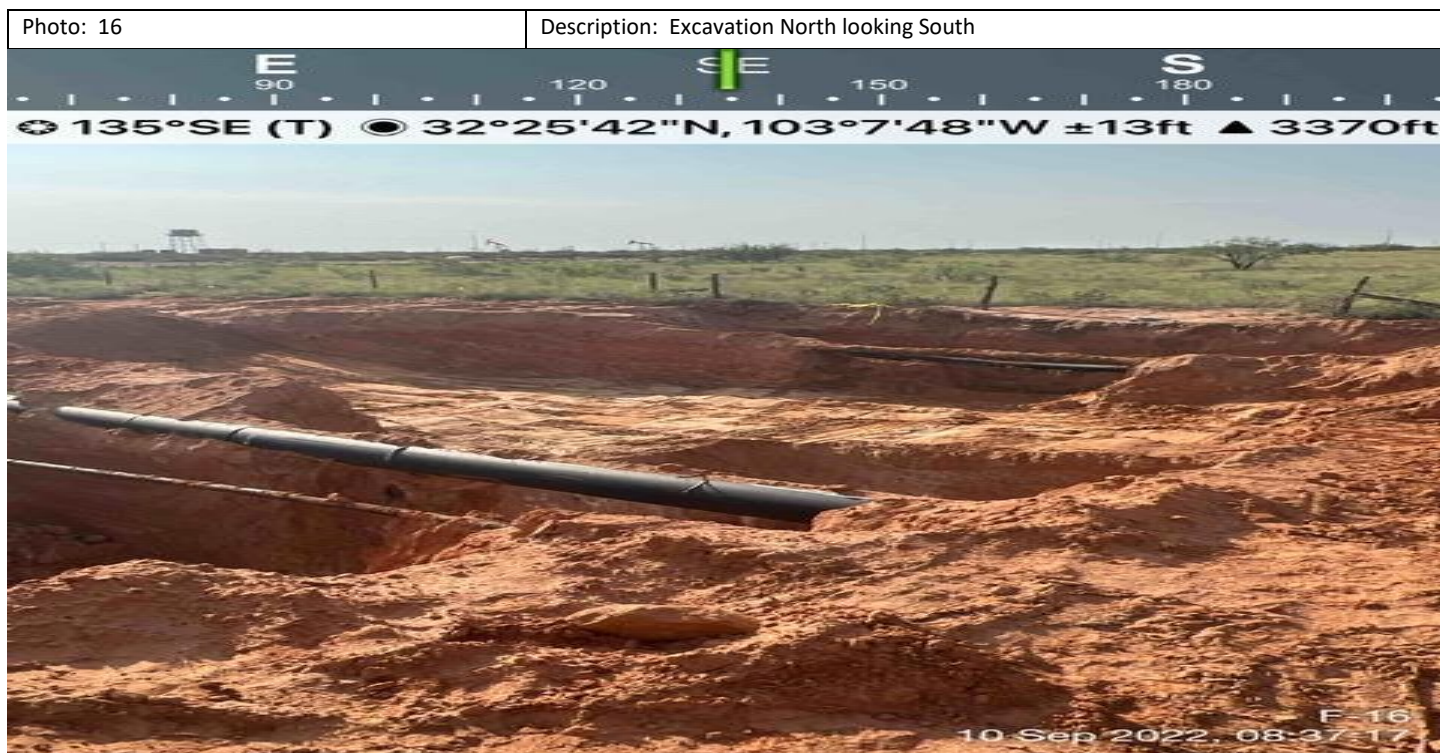
Photo: 15

Description: Excavation NW looking SE





Photographs





Photographs

Photo: 18

Description: Backfill East looking West

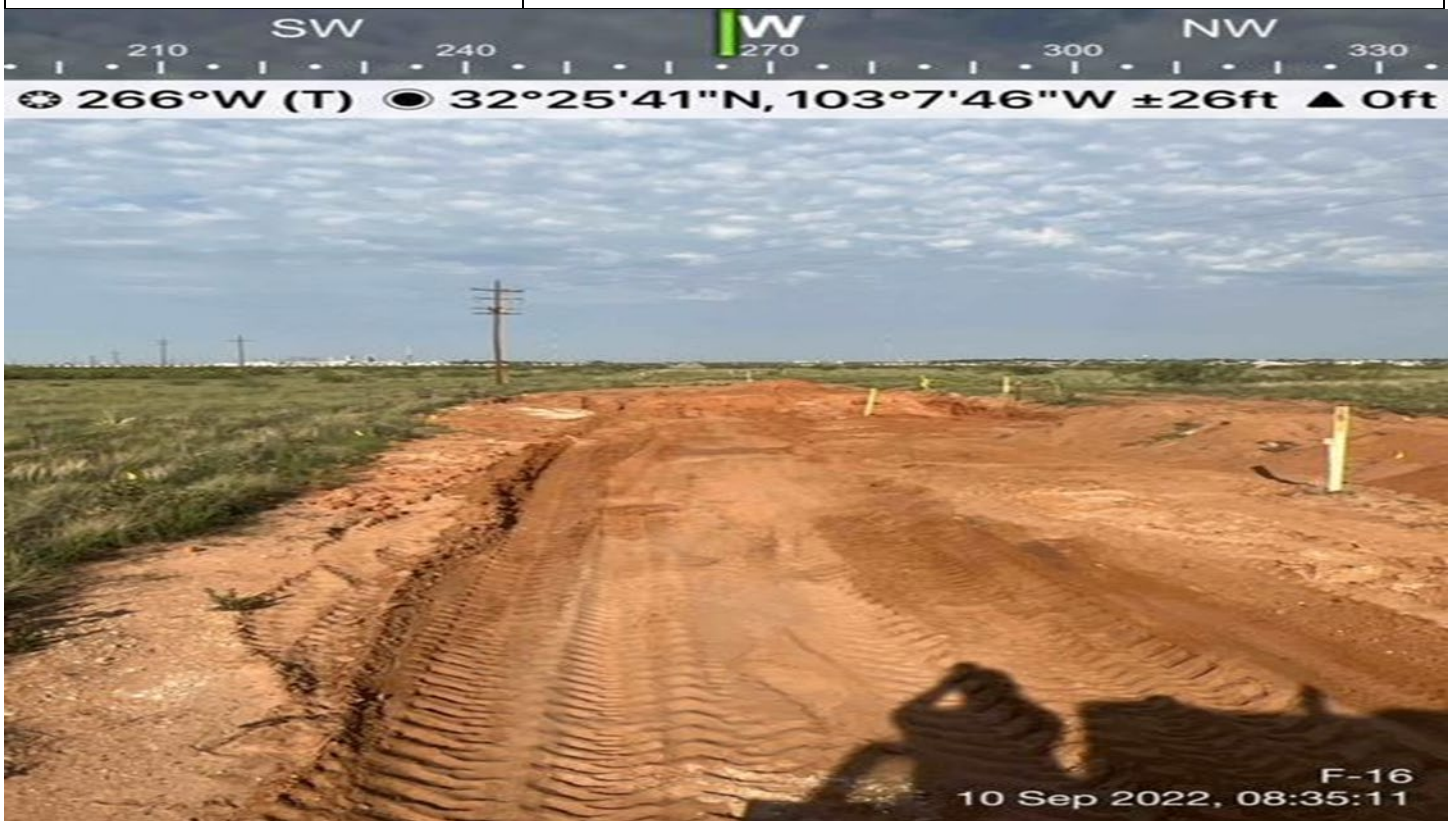


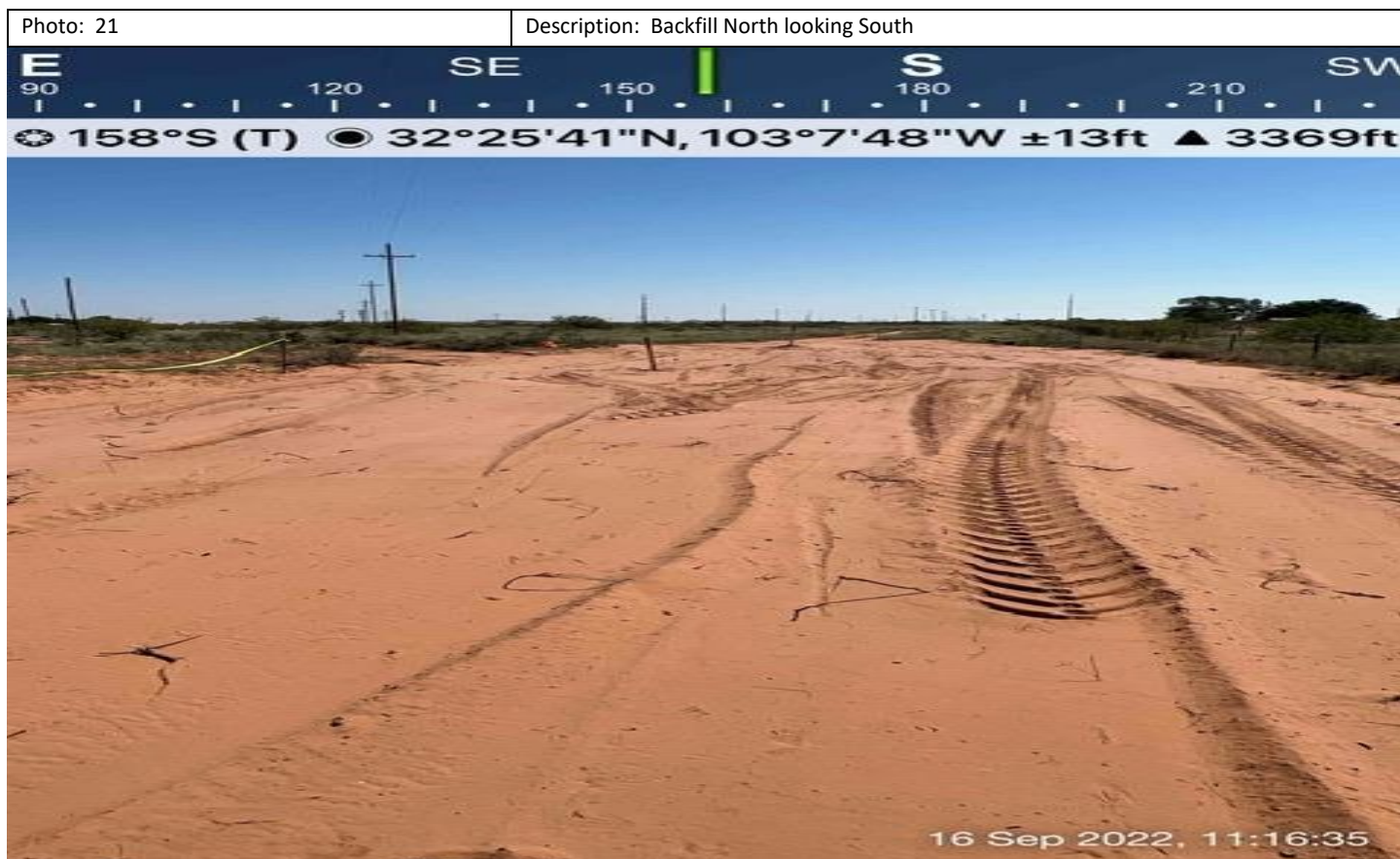
Photo: 19

Description: Backfill North looking South





Photographs





Photographs

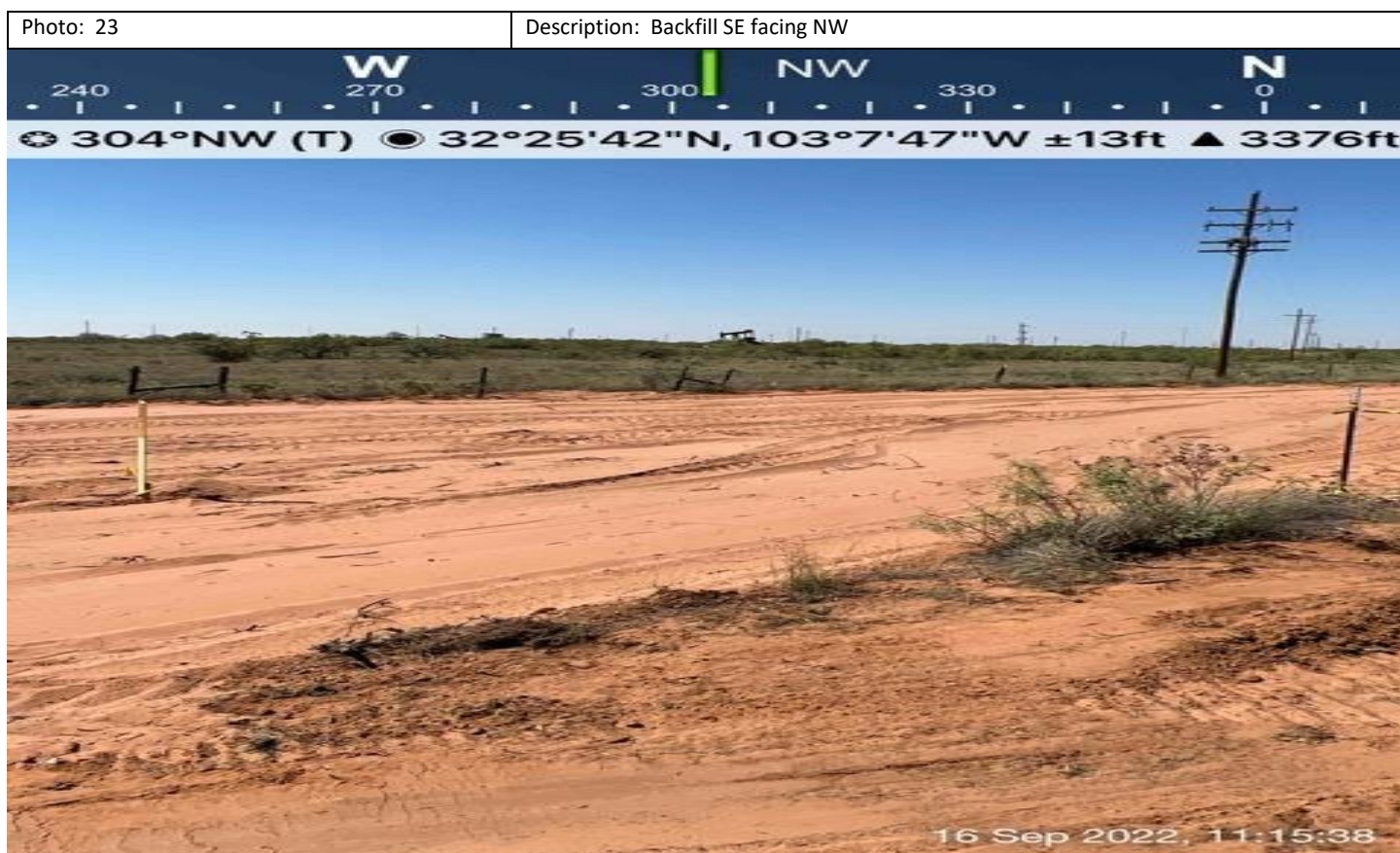
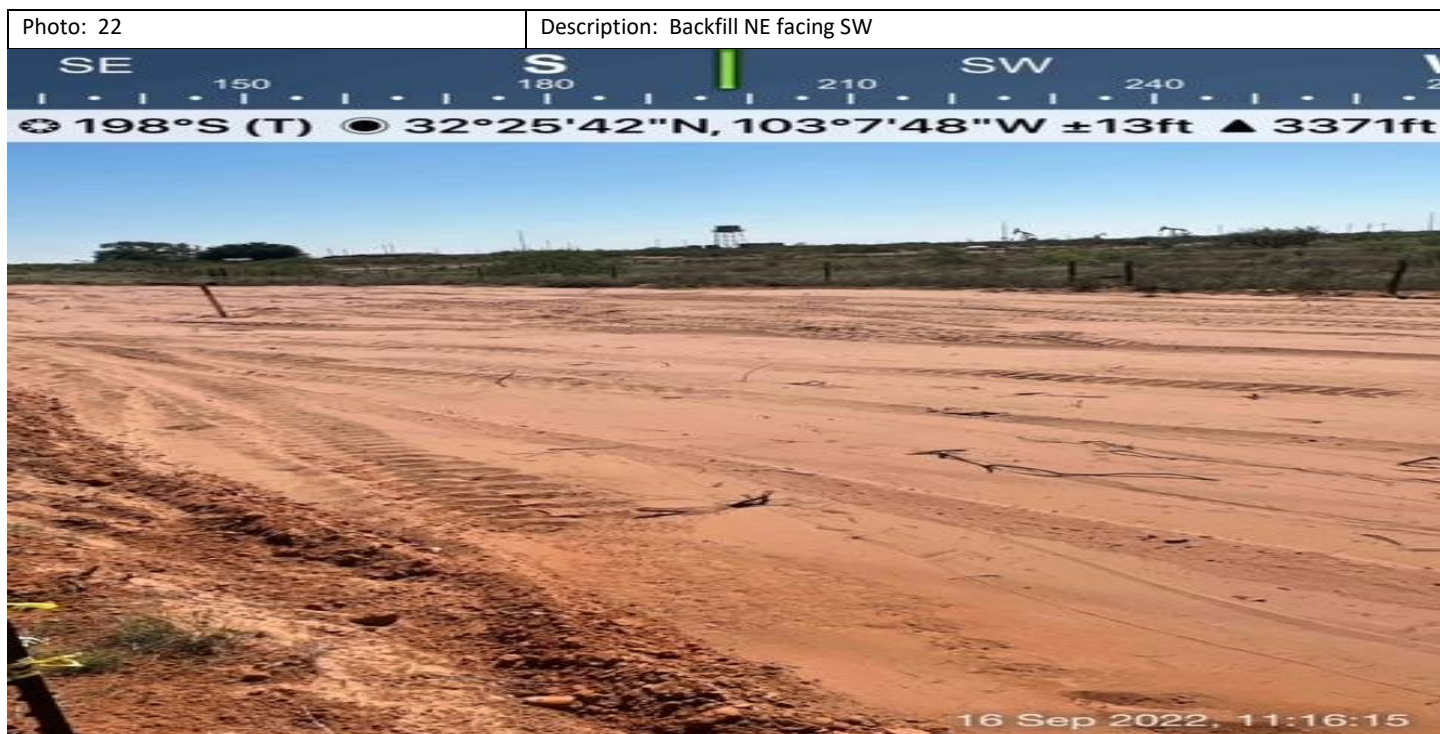




Photo: 22

Description: Overhead drone



Attachment II

Depth to Groundwater

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced,

O=orphaned,

C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	Sub-basin	County	Q	Q	Q	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Column
CP 00133 POD1		CP	LE	2	2	4	35	21S	37E	676159	3590137*	80		
CP 00138 POD1		CP	LE	3	2	2	35	21S	37E	675944	3590741*	70		
CP 00221 POD1		CP	LE	2	1	3	35	21S	37E	674953	3590115*	290		
CP 00287 POD1		CP	LE	3	1	2	35	21S	37E	675542	3590734*	75		
CP 01222 POD1		CP	LE	2	2	2	35	21S	37E	676081	3591023	58	48	10
CP 01222 POD2		CP	LE	2	2	2	35	21S	37E	676071	3591014	60	48	12
CP 01222 POD4		CP	LE	2	2	2	35	21S	37E	676102	3591017	59	44	15
CP 01540 POD1		CP	LE	1	1	1	35	21S	37E	674676	3590844	51	36	15

Average Depth to Water: **44 feet**

Minimum Depth: **36 feet**

Maximum Depth: **48 feet**

Record 8

Count:

PLSS Search:

Section(s): 35

Township: 21S

Range: 37E

*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.

5/17/22 4:28 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 1	Se c	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
CP 00427 POD1	O	CP	LE	3	3	3	02	22S	37E	674787	3587906*	4900		
CP 00929 POD1		CP	LE	3	3	3	02	22S	37E	674939	3587915	1100		
CP 01220 POD1		CP	LE	1	2	02	22S	37E	675925	3589363		65	48	17
CP 01220 POD2		CP	LE	1	2	02	22S	37E	675951	3589363		65	48	17

Average Depth to Water: **48 feet**

Minimum Depth: **48 feet**

Maximum Depth: **48 feet**

Record Count: 4

PLSS Search:

Section(s): 2

Township: 22S

Range: 37E

*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.

5/19/22 8:00 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Attachment

Laboratory Analytical Repots

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

May 13, 2022

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252 RE: F-

16

Enclosed are the results of analyses for samples received by the laboratory on 05/10/22 15:15.

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.

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

Fax To:

Received:	05/10/2022
Reported:	05/13/2022 F-
Project Name:	16
Project Number:	NOT GIVEN
Project Location:	32.4283568, -103.1301390

Sampling Date:	05/10/2022
Sampling Type:	Soil
Sampling Condition:	Cool & Intact
Sample Received By:	Tamara Oldaker

Sample ID: V 1 4' (H221979-01)

BTEX 8021B			mg/kg		Analyzed By: MS\			S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	2.94	0.100	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	5.89	0.100	05/11/2022	ND	2.14	107	2.00	9.92	
Total Xylenes*	21.2	0.300	05/11/2022	ND	6.62	110	6.00	9.99	
Total BTEX	30.0	0.600	05/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 199 % 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	592	16.0	05/11/2022	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
GRO C6-C10*	759	50.0	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	8750	50.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	3080	50.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 210 % 66.9-136

Surrogate: 1-Chlorooctadecane 197 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 1 6' (H221979-02)

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	05/12/2022	ND	2.22	111	2.00	10.5		
Toluene*	13.1	0.500	05/12/2022	ND	2.21	110	2.00	11.2		
Ethylbenzene*	22.2	0.500	05/12/2022	ND	2.14	107	2.00	9.92		

Total Xylenes*	76.7	1.50	05/12/2022	ND	6.62	110	6.00	9.99
Total BTEX	112	3.00	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 200 % 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	48.0	16.0	05/11/2022	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	
GRO C6-C10*	2860	10.0	05/12/2022	ND	181	90.6	200	3.21		
DRO >C10-C28*	1780	10.0	05/12/2022	ND	193	96.7	200	0.148		
EXT DRO >C28-C36	82.0	10.0	05/12/2022	ND						

Surrogate: 1-Chlorooctane 262 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 1 8' (H221979-03)

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	05/12/2022	ND	2.22	111	2.00	10.5		
Toluene*	9.25	0.500	05/12/2022	ND	2.21	110	2.00	11.2		
Ethylbenzene*	17.4	0.500	05/12/2022	ND	2.14	107	2.00	9.92		

Total Xylenes*	61.4	1.50	05/12/2022	ND	6.62	110	6.00	9.99
Total BTEX	88.1	3.00	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 185 % 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	48.0	16.0	05/11/2022	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*	2280	10.0	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	1750	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	108	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 245 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390
Sample ID: V 1 10' (H221979-04)

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.07	0.500	05/12/2022	ND	2.22	111	2.00	10.5	
Toluene*	18.1	0.500	05/12/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	25.1	0.500	05/12/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	84.2	1.50	05/12/2022	ND	6.62	110	6.00	9.99
Total BTEX	129	3.00	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 203 % 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	144	16.0	05/11/2022	ND	432	108	400	0.00	
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TPH 8015M	mg/kg	Analyzed By: MS								S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

GRO C6-C10*	2890	10.0	05/12/2022	ND	181	90.6	200	3.21	
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DRO >C10-C28*	1180	10.0	05/12/2022	ND	193	96.7	200	0.148	
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EXT DRO >C28-C36	85.6	10.0	05/12/2022	ND					
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Surrogate: 1-Chlorooctane 413 % 66.9-136

Surrogate: 1-Chlorooctadecane 134 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 2 2' (H221979-05)

BTEX 8021B	mg/kg	Analyzed By: MS\
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	<0.050	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.62	110	6.00	9.99
Total BTEX	<0.300	0.300	05/11/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	352	16.0	05/11/2022	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	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 2 4' (H221979-06)

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	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	<0.050	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.62	110	6.00	9.99
Total BTEX	<0.300	0.300	05/11/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	64.0	16.0	05/11/2022	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	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	11.5	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 3 2' (H221979-07)

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	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	<0.050	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.62	110	6.00	9.99
Total BTEX	<0.300	0.300	05/11/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	144	16.0	05/11/2022	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	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 3 4' (H221979-08)

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	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	0.064	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	0.053	0.050	05/11/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.62	110	6.00	9.99
Total BTEX	<0.300	0.300	05/11/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	48.0	16.0	05/11/2022	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	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	10.6	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.5 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 1 4' (H221979-09)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.649	0.500	05/12/2022	ND	2.22	111	2.00	10.5	
Toluene*	17.5	0.500	05/12/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	28.4	0.500	05/12/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	95.5	1.50	05/12/2022	ND	6.62	110	6.00	9.99
Total BTEX	142	3.00	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 213 % 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	64.0	16.0	05/11/2022	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*	3060	10.0	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	1730	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	73.8	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 252 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390
Sample ID: H 1.1 4' (H221979-10)

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.16	0.100	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	20.2	0.100	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	25.0	0.100	05/11/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	72.9	0.300	05/11/2022	ND	6.62	110	6.00	9.99
Total BTEX	119	0.600	05/11/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 430 % 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	160	16.0	05/11/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	2030	10.0	05/12/2022	ND	181	90.6	200	3.21		
DRO >C10-C28*	868	10.0	05/12/2022	ND	193	96.7	200	0.148		
EXT DRO >C28-C36	55.5	10.0	05/12/2022	ND						

Surrogate: 1-Chlorooctane 181 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390
Sample ID: H 1.2 4' (H221979-11)

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	23.0	1.00	05/12/2022	ND	2.22	111	2.00	10.5	
Toluene*	184	1.00	05/12/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	151	1.00	05/12/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	382	3.00	05/12/2022	ND	6.62	110	6.00	9.99
Total BTEX	739	6.00	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 192 % 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	496	16.0	05/11/2022	ND	416	104	400	0.00	
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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*	12400	100	05/12/2022	ND	181	90.6	200	3.21	
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DRO >C10-C28*	12800	100	05/12/2022	ND	193	96.7	200	0.148	
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EXT DRO >C28-C36	2990	100	05/12/2022	ND					
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Surrogate: 1-Chlorooctane 753 % 66.9-136

Surrogate: 1-Chlorooctadecane 205 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 1.3 4' (H221979-12)

BTEX 8021B	mg/kg	Analyzed By: MS\
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	0.191	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	0.099	0.050	05/11/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	0.204	0.150	05/11/2022	ND	6.62	110	6.00	9.99
Total BTEX	0.494	0.300	05/11/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	160	16.0	05/11/2022	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	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 4 4' (H221979-13)

BTEX 8021B		mg/kg		Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	2.61	0.500	05/12/2022	ND	2.22	111	2.00	10.5		
Toluene*	41.4	0.500	05/12/2022	ND	2.21	110	2.00	11.2		
Ethylbenzene*	50.0	0.500	05/12/2022	ND	2.14	107	2.00	9.92		

Total Xylenes*	148	1.50	05/12/2022	ND	6.62	110	6.00	9.99
Total BTEX	242	3.00	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 228 % 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	160	16.0	05/11/2022	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*	3210	10.0	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	1110	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	71.8	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 298 % 66.9-136

Surrogate: 1-Chlorooctadecane 140 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390
Sample ID: H 4.1 4' (H221979-14)

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

BTEX 8021B			mg/kg Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.127	0.050	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	3.63	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	5.73	0.050	05/11/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	19.6	0.150	05/11/2022	ND	6.62	110	6.00	9.99
Total BTEX	29.1	0.300	05/11/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 390 % 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	160	16.0	05/11/2022	ND	416	104	400	0.00	
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TPH 8015M	mg/kg	Analyzed By: MS								S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

GRO C6-C10*	586	10.0	05/12/2022	ND	181	90.6	200	3.21	
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DRO >C10-C28*	567	10.0	05/12/2022	ND	193	96.7	200	0.148	
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EXT DRO >C28-C36	56.1	10.0	05/12/2022	ND					
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Surrogate: 1-Chlorooctane 141 % 66.9-136

Surrogate: 1-Chlorooctadecane 131 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 4.2 4' (H221979-15)

BTEX 8021B	mg/kg	Analyzed By: MS\
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	<0.050	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.62	110	6.00	9.99
Total BTEX	<0.300	0.300	05/11/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	160	16.0	05/11/2022	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	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 3 4' (H221979-16)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	05/12/2022	ND	2.22	111	2.00	10.5	
Toluene*	3.00	0.100	05/12/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	5.91	0.100	05/12/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	21.7	0.300	05/12/2022	ND	6.62	110	6.00	9.99
Total BTEX	30.6	0.600	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 202 % 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	672	16.0	05/11/2022	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*	786	50.0	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	8920	50.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	3110	50.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 309 % 66.9-136

Surrogate: 1-Chlorooctadecane 355 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 3.1 4' (H221979-17)

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	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	<0.050	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.14	107	2.00	9.92	

Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.62	110	6.00	9.99
Total BTEX	<0.300	0.300	05/11/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	32.0	16.0	05/11/2022	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	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 3.2 4' (H221979-18)

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	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	

Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18
Total BTEX	<0.300	0.300	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	32.0	16.0	05/11/2022	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	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 2 4' (H221979-19)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	2.16	0.100	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	4.84	0.100	05/12/2022	ND	2.04	102	2.00	2.30	

Total Xylenes*	18.3	0.300	05/12/2022	ND	6.29	105	6.00	2.18
Total BTEX	25.3	0.600	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 194 % 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	576	16.0	05/11/2022	ND	416	104	400	0.00	
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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*	770	50.0	05/12/2022	ND	181	90.6	200	3.21	
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DRO >C10-C28*	8510	50.0	05/12/2022	ND	193	96.7	200	0.148	
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EXT DRO >C28-C36	2680	50.0	05/12/2022	ND					
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Surrogate: 1-Chlorooctane 221 % 66.9-136

Surrogate: 1-Chlorooctadecane 197 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 2.1 4' (H221979-20)

BTEX 8021B	mg/kg	Analyzed By: MS\
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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	

Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18
Total BTEX	<0.300	0.300	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	48.0	16.0	05/11/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 2.2 4' (H221979-21)

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	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	

Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18
Total BTEX	<0.300	0.300	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	48.0	16.0	05/11/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 5 2' (H221979-22)

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	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	

Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18
Total BTEX	<0.300	0.300	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	144	16.0	05/11/2022	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	05/13/2022	ND	218	109	200	8.65	
DRO >C10-C28*	559	10.0	05/13/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	307	10.0	05/13/2022	ND					

Surrogate: 1-Chlorooctane 118 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 6 2' (H221979-23)

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	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	

Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18
Total BTEX	<0.300	0.300	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	64.0	16.0	05/11/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 7 2' (H221979-24)

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	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	

Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18
Total BTEX	<0.300	0.300	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	48.0	16.0	05/11/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 8 2' (H221979-25)

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	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	

Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18
Total BTEX	<0.300	0.300	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	32.0	16.0	05/11/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

Fax To:

Received: 05/10/2022
 Reported: 05/13/2022 F-
 Project Name: 16
 Project Number: NOT GIVEN
 Project Location: 32.4283568, -103.1301390

Sampling Date: 05/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 9 2' (H221979-26)

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	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	

Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18
Total BTEX	<0.300	0.300	05/12/2022	ND				

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 05/11/2022 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 05/12/2022 ND 218 109 200 8.65

DRO >C10-C28* <10.0 10.0 05/12/2022 ND 211 105 200 10.8

EXT DRO >C28-C36 <10.0 10.0 05/12/2022 ND

Surrogate: 1-Chlorooctane 98.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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



ETC

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



ETC

† 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

Released to Imaging: 11/29/2022 4:18:57 PM



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

September 06, 2022

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

RE: F-16

Enclosed are the results of analyses for samples received by the laboratory on 09/02/22 16:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/02/2022
 Reported: 09/06/2022
 Project Name: F-16
 Project Number: 32.4283568,-103.1301390
 Project Location: NEW MEXICO

Sampling Date: 09/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V1 22' (H224050-01)

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	09/06/2022	ND	2.07	104	2.00	6.89	
Toluene*	<0.050	0.050	09/06/2022	ND	2.02	101	2.00	7.33	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.98	98.9	2.00	5.92	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	6.08	101	6.00	5.36	
Total BTEX	<0.300	0.300	09/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	48.0	16.0	09/06/2022	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	09/03/2022	ND	194	97.1	200	1.44	
DRO >C10-C28*	102	10.0	09/03/2022	ND	215	107	200	4.09	
EXT DRO >C28-C36	20.7	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-8 does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



Page 4 of 4

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



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

September 15, 2022

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

RE: F-16

Enclosed are the results of analyses for samples received by the laboratory on 09/12/22 8:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized "C" at the beginning.

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: 09/12/2022
Reported: 09/15/2022
Project Name: F-16
Project Number: 32.4283568-103.1031390
Project Location: NEW MEXICO

Sampling Date: 09/10/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 1.4 4' (H224173-01)

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	09/14/2022	ND	1.97	98.5	2.00	5.27	
Toluene*	<0.050	0.050	09/14/2022	ND	1.96	98.2	2.00	3.27	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.7	2.00	3.21	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.01	100	6.00	2.01	
Total BTEX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	09/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	239	119	200	2.65	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	230	115	200	8.87	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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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: 09/12/2022
 Reported: 09/15/2022
 Project Name: F-16
 Project Number: 32.4283568-103.1031390
 Project Location: NEW MEXICO

Sampling Date: 09/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 2.3 4' (H224173-02)

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	09/14/2022	ND	1.75	87.7	2.00	7.04		
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	09/14/2022	ND	416	104	400	3.77		
TPH 8015M		mg/kg		Analyzed By: CK						

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	239	119	200	2.65		
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	230	115	200	8.87		
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND						

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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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: 09/12/2022
 Reported: 09/15/2022
 Project Name: F-16
 Project Number: 32.4283568-103.1031390
 Project Location: NEW MEXICO

Sampling Date: 09/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 3.3 4' (H224173-03)

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	09/14/2022	ND	1.75	87.7	2.00	7.04	
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76	
Total BTEX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	09/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	239	119	200	2.65	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	230	115	200	8.87	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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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: 09/12/2022
 Reported: 09/15/2022
 Project Name: F-16
 Project Number: 32.4283568-103.1031390
 Project Location: NEW MEXICO

Sampling Date: 09/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 4.3 4' (H224173-04)

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	09/14/2022	ND	1.75	87.7	2.00	7.04			
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81			
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86			
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76			
Total BTEX	<0.300	0.300	09/14/2022	ND							

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	09/14/2022	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: CK					

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	239	119	200	2.65	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	230	115	200	8.87	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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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: 09/12/2022
Reported: 09/15/2022
Project Name: F-16
Project Number: 32.4283568-103.1031390
Project Location: NEW MEXICO

Sampling Date: 09/10/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 2.1 4' (H224173-05)

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	09/14/2022	ND	1.75	87.7	2.00	7.04	
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76	
Total BTEX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	09/14/2022	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: CK					

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	239	119	200	2.65	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	230	115	200	8.87	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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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: 09/12/2022
Reported: 09/15/2022
Project Name: F-16
Project Number: 32.4283568-103.1031390
Project Location: NEW MEXICO

Sampling Date: 09/10/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 3.1 4' (H224173-06)

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	09/14/2022	ND	1.75	87.7	2.00	7.04		
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	09/14/2022	ND	416	104	400	3.77		
TPH 8015M		mg/kg		Analyzed By: CK						

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	239	119	200	2.65		
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	230	115	200	8.87		
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND						

Surrogate: 1-Chlorooctane 87.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.6 % 46.3-178

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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: 09/12/2022
Reported: 09/15/2022
Project Name: F-16
Project Number: 32.4283568-103.1031390
Project Location: NEW MEXICO

Sampling Date: 09/10/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 5.1 3' (H224173-07)

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	09/14/2022	ND	1.75	87.7	2.00	7.04	
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76	
Total BTEX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	09/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	239	119	200	2.65	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	230	115	200	8.87	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 46.3-178

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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: 09/12/2022
Reported: 09/15/2022
Project Name: F-16
Project Number: 32.4283568-103.1031390
Project Location: NEW MEXICO

Sampling Date: 09/10/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 6.1 2' (H224173-08)

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	09/14/2022	ND	1.75	87.7	2.00	7.04	
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76	
Total BTEX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	09/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	239	119	200	2.65	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	230	115	200	8.87	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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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: 09/12/2022
 Reported: 09/15/2022
 Project Name: F-16
 Project Number: 32.4283568-103.1031390
 Project Location: NEW MEXICO

Sampling Date: 09/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 7.1 2' (H224173-09)

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	09/14/2022	ND	1.75	87.7	2.00	7.04	
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76	
Total BTEX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	09/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	239	119	200	2.65	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	230	115	200	8.87	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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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: 09/12/2022
Reported: 09/15/2022
Project Name: F-16
Project Number: 32.4283568-103.1031390
Project Location: NEW MEXICO

Sampling Date: 09/10/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 8.1 2' (H224173-10)

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	09/14/2022	ND	1.75	87.7	2.00	7.04	
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76	
Total BTEX	<0.300	0.300	09/14/2022	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	09/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	239	119	200	2.65	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	230	115	200	8.87	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

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

Received: 09/12/2022
Reported: 09/15/2022
Project Name: F-16
Project Number: 32.4283568-103.1031390
Project Location: NEW MEXICO

Sampling Date: 09/10/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 9.1 2' (H224173-11)

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	09/14/2022	ND	1.75	87.7	2.00	7.04	
Toluene*	<0.050	0.050	09/14/2022	ND	1.97	98.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.93	96.3	2.00	5.86	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.89	98.2	6.00	6.76	
Total BTEX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	09/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	239	119	200	2.65	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	230	115	200	8.87	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Page 14 of 15

Released to Imaging: 11/29/2022 4:18:57 PM



Page 15 of 15

Released to Imaging: 11/29/2022 4:18:57 PM



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October 21, 2022

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

RE: F-16

Enclosed are the results of analyses for samples received by the laboratory on 10/19/22 9:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 V 1 24' (H224895-01)

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	10/21/2022	ND	1.95	97.5	2.00	2.58			
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87			
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21			
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54			
Total BTEX	<0.300	0.300	10/21/2022	ND							

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	32.0	16.0	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	205	103	200	10.5	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	206	103	200	16.2	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.1 % 46.3-178

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Caley 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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 1 4' (H224895-02)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	16.0	16.0	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	205	103	200	10.5		
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	206	103	200	16.2		
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND						

Surrogate: 1-Chlorooctane 81.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.9 % 46.3-178

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Caley 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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 1 8' (H224895-03)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	<16.0	16.0	10/20/2022	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	10/19/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 74.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.0 % 46.3-178

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Caley 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: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 1 12' (H224895-04)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	226	113	200	17.7		
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	220	110	200	22.2		
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND						

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.5 % 46.3-178

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Caley 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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 1 16' (H224895-05)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	10/20/2022	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	10/19/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.9 % 46.3-178

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Caley 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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 2 12' (H224895-06)

BTEX 80218			mg/kg								Analyzed By: JH	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58				
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87				
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21				
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54				
Total BTEX	<0.300	0.300	10/21/2022	ND								

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	<16.0	16.0	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	226	113	200	17.7		
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	220	110	200	22.2		
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND						

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.0 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 2 16' (H224895-07)

BTEX 80218		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	10/20/2022	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	10/19/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.7 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 2 20' (H224895-08)

BTEX 80218			mg/kg						
			Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	10/20/2022	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	10/19/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 70.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.5 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 3 12' (H224895-09)

BTEX 80218			mg/kg						
			Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	10/20/2022	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	10/19/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 71.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.0 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 3 16' (H224895-10)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	10/20/2022	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	10/19/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 73.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.5 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 3 20' (H224895-11)

BTEX 80218			mg/kg						
			Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.2 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 4 4' (H224895-12)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.1 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 4 8' (H224895-13)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 70.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.8 % 46.3-178

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* = Accredited Analyte

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Caley 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: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 4 12' (H224895-14)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	<16.0	16.0	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 72.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.8 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 4 16' (H224895-15)

BTEX 80218			mg/kg						
			Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 1 H 4 20' (H224895-16)

BTEX 80218			mg/kg						
			Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.7 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3 V 1 10' (H224895-17)

BTEX 80218		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.8 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3 H 1 4' (H224895-18)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54		
Total BTEX	<0.300	0.300	10/21/2022	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	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3 H 1 8' (H224895-19)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 74.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.4 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.1 V 2 10' (H224895-20)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	1.95	97.5	2.00	2.58	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	2.87	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	1.97	98.3	2.00	3.21	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	5.88	98.1	6.00	3.54	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.1 H 2 4' (H224895-21)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.1 H 2 8' (H224895-22)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	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	10/20/2022	ND	226	113	200	17.7	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	220	110	200	22.2	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 64.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.7 % 46.3-178

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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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.2 V 3 10' (H224895-23)

BTEX 80218		mg/kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.2 H 3 4' (H224895-24)

BTEX 80218		mg/kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.2 H 3 8' (H224895-25)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.3 V 4 10' (H224895-26)

BTEX 80218		mg/kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.3 H 4 4' (H224895-27)

BTEX 80218			mg/kg								Analyzed By: JH/	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73				
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0				
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8				
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7				
Total BTEX	<0.300	0.300	10/20/2022	ND								

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	196	98.0	200	0.935		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Caley 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: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 3.3 H 4 8' (H224895-28)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.3 H 5 4' (H224895-29)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73		
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	196	98.0	200	0.935		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 92.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.3 H 5 8' (H224895-30)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Caley 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: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 3.4 V 5 10' (H224895-31)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 3.4 H 6 4' (H224895-32)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.4 H 6 8' (H224895-33)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.1 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.5 V 6 10' (H224895-34)

BTEX 80218		mg/kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.6 V 7 10' (H224895-35)

BTEX 80218		mg/kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 3.7 V 8 10' (H224895-36)

BTEX 80218		mg/kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.7 H 7 4' (H224895-37)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73		
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	196	98.0	200	0.935		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 98.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Caley 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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.7 H 7 8' (H224895-38)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 75.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.6 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.8 V 9 10' (H224895-39)

BTEX 80218		mg/kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.8 H 9 4' (H224895-40)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	1.98	99.2	2.00	9.73	
Toluene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	13.0	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.99	99.7	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.07	101	6.00	12.7	
Total BTEX	<0.300	0.300	10/20/2022	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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.8 H 9 8' (H224895-41)

BTEX 80218		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 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	10/20/2022	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	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.9 V 10 10' (H224895-42)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91		
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 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	10/20/2022	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	196	98.0	200	0.935	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	184	91.8	200	0.104	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 3.9 H 10 4' (H224895-43)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	10/20/2022	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	10/19/2022	ND	208	104	200	0.507	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	200	100	200	0.883	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.9 H 10 8' (H224895-44)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 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	<16.0	16.0	10/20/2022	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	10/19/2022	ND	208	104	200	0.507	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	200	100	200	0.883	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.10 V 11 10' (H224895-45)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 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	<16.0	16.0	10/20/2022	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	10/19/2022	ND	208	104	200	0.507	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	200	100	200	0.883	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 3.10 H 11 4' (H224895-46)

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	10/20/2022	ND	2.16	108	2.00	7.91		
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	208	104	200	0.507		
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	200	100	200	0.883		
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND						

Surrogate: 1-Chlorooctane 85.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.10 H 11 8' (H224895-47)

BTEX 80218		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 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	10/20/2022	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	10/19/2022	ND	208	104	200	0.507	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	200	100	200	0.883	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 3.11 V 12 10' (H224895-48)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	10/20/2022	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	10/20/2022	ND	208	104	200	0.507	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	200	100	200	0.883	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.11 H 12 4' (H224895-49)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91		
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	208	104	200	0.507		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	200	100	200	0.883		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 3.11 H 12 8' (H224895-50)

BTEX 80218		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 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	<16.0	16.0	10/20/2022	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	10/20/2022	ND	208	104	200	0.507	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	200	100	200	0.883	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 3.11 H 13 4' (H224895-51)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91		
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	208	104	200	0.507		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	200	100	200	0.883		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 3.11 H 13 8' (H224895-52)

BTEX 80218			mg/kg							Analyzed By: JH	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91			
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3			
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89			
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01			
Total BTEX	<0.300	0.300	10/20/2022	ND							

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 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	10/20/2022	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2 V 1 2' (H224895-53)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	10/20/2022	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	10/19/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2 H 1 1' (H224895-54)

BTEX 80218		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 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	10/20/2022	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	10/19/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2 H 2 1' (H224895-55)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 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	10/20/2022	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	10/19/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.1 V 2 2' (H224895-56)**BTEX 80218****mg/kg****Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 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	10/20/2022	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	10/19/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Page 57 of 107



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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.1 H 3 1' (H224895-57)

BTEX 80218			mg/kg						
			Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.0 % 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	10/20/2022	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	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.1 H 4 1' (H224895-58)

BTEX 80218			mg/kg								Analyzed By: JH	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91				
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3				
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89				
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01				
Total BTEX	<0.300	0.300	10/20/2022	ND								

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 128 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.2 V 3 2' (H224895-59)

BTEX 80218			mg/kg						
			Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 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	10/20/2022	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	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.2 H 5 1' (H224895-60)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.16	108	2.00	7.91	
Toluene*	<0.050	0.050	10/20/2022	ND	2.09	104	2.00	10.3	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.01	101	2.00	9.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.05	101	6.00	9.01	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 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	10/20/2022	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	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 95.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.2 H 6 1' (H224895-61)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/20/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.3 V 4 2' (H224895-62)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 96.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.6 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.3 H 7 1' (H224895-63)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.3 H 8 1' (H224895-64)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.4 V 5 2' (H224895-65)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.4 H 9 1' (H224895-66)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	10/20/2022	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.4 H 10 1' (H224895-67)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	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	10/20/2022	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.5 V 6 2' (H224895-68)

BTEX 80218			mg/kg						
			Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32	
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	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	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.5 H 11 1' (H224895-69)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	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	10/20/2022	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.5 H 12 1' (H224895-70)

BTEX 80218			mg/kg								Analyzed By: JH/	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32				
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42				
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76				
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85				
Total BTEX	<0.300	0.300	10/21/2022	ND								

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.6 V 7 2' (H224895-71)

BTEX 80218			mg/kg		Analyzed By: JH/				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32	
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	192	96.0	200	15.6	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	205	103	200	13.9	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.6 H 13 1' (H224895-72)

BTEX 80218			mg/kg								Analyzed By: JH/	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32				
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42				
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76				
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85				
Total BTEX	<0.300	0.300	10/21/2022	ND								

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	10/20/2022	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	208	104	200	0.507		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	200	100	200	0.883		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 74.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.8 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.6 H 14 1' (H224895-73)

BTEX 80218		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32	
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	10/20/2022	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	10/20/2022	ND	208	104	200	0.507	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	200	100	200	0.883	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.7 V 8 2' (H224895-74)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	10/20/2022	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.7 H 15 1' (H224895-75)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 76.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.8 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.7 H 16 1' (H224895-76)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.8 V 9 2' (H224895-77)

BTEX 80218			mg/kg						
			Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32	
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/20/2022	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	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.8 H 17 1' (H224895-78)

BTEX 80218			mg/kg		Analyzed By: JH/				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32	
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.8 H 18 1' (H224895-79)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	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	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.9 V 10 2' (H224895-80)

BTEX 80218			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	6.32		
Toluene*	<0.050	0.050	10/21/2022	ND	2.05	102	2.00	6.42		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	6.76		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.17	103	6.00	5.85		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.9 H 19 1' (H224895-81)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.09	105	2.00	10.8	
Toluene*	<0.050	0.050	10/20/2022	ND	1.99	99.6	2.00	12.2	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.76	96.0	6.00	11.0	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.3 % 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	10/20/2022	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	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.9 H 20 1' (H224895-82)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.09	105	2.00	10.8		
Toluene*	<0.050	0.050	10/20/2022	ND	1.99	99.6	2.00	12.2		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	12.8		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.76	96.0	6.00	11.0		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.10 V 11 2' (H224895-83)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.09	105	2.00	10.8		
Toluene*	<0.050	0.050	10/20/2022	ND	1.99	99.6	2.00	12.2		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	12.8		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.76	96.0	6.00	11.0		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.10 H 21 1' (H224895-84)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.09	105	2.00	10.8		
Toluene*	<0.050	0.050	10/20/2022	ND	1.99	99.6	2.00	12.2		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	12.8		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.76	96.0	6.00	11.0		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.9 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.10 H 22 1' (H224895-85)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.09	105	2.00	10.8		
Toluene*	<0.050	0.050	10/20/2022	ND	1.99	99.6	2.00	12.2		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	12.8		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.76	96.0	6.00	11.0		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 84.4 % 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	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.11 V 12 2' (H224895-86)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.09	105	2.00	10.8	
Toluene*	<0.050	0.050	10/20/2022	ND	1.99	99.6	2.00	12.2	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	1.92	96.1	2.00	12.8	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	5.76	96.0	6.00	11.0	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 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	10/20/2022	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	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.3 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.11 H 23 1' (H224895-87)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.21	111	2.00	2.61	
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	1.06	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.04	102	2.00	1.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.15	103	6.00	1.84	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.5 % 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	10/20/2022	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	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.11 H 24 1' (H224895-88)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.21	111	2.00	2.61		
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	1.06		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.04	102	2.00	1.89		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.15	103	6.00	1.84		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 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	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.12 V 13 2' (H224895-89)

BTEX 80218		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.21	111	2.00	2.61		
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	1.06		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.04	102	2.00	1.89		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.15	103	6.00	1.84		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.0 % 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	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 99.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Caley 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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.12 H 25 1' (H224895-90)

BTEX 80218			mg/kg							Analyzed By: JH	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	10/20/2022	ND	2.21	111	2.00	2.61			
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	1.06			
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.04	102	2.00	1.89			
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.15	103	6.00	1.84			
Total BTEX	<0.300	0.300	10/20/2022	ND							

Surrogate: 4-Bromofluorobenzene (PID) 85.9 % 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	10/20/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.12 H 26 1' (H224895-91)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.21	111	2.00	2.61		
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	1.06		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.04	102	2.00	1.89		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.15	103	6.00	1.84		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.9 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Caley 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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.13 V 14 2' (H224895-92)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.21	111	2.00	2.61		
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	1.06		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.04	102	2.00	1.89		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.15	103	6.00	1.84		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Caley 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: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.13 H 27 1' (H224895-93)

BTEX 80218			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2022	ND	2.21	111	2.00	2.61		
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	1.06		
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.04	102	2.00	1.89		
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.15	103	6.00	1.84		
Total BTEX	<0.300	0.300	10/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 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	10/20/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	183	91.3	200	12.8		
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	183	91.5	200	9.10		
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND						

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Caley 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: 10/19/2022
Reported: 10/21/2022
Project Name: F-16
Project Number: 32.4283568, -103.1301390
Project Location: NEW MEXICO

Sampling Date: 10/16/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: AREA 2.13 H 28 1' (H224895-94)

BTEX 80218		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.21	111	2.00	2.61	
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	1.06	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.04	102	2.00	1.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.15	103	6.00	1.84	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.4 % 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	10/20/2022	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	10/20/2022	ND	219	110	200	6.75	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	221	111	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 136 % 46.3-178

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Analytical Results For:

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

Received: 10/19/2022
 Reported: 10/21/2022
 Project Name: F-16
 Project Number: 32.4283568, -103.1301390
 Project Location: NEW MEXICO

Sampling Date: 10/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AREA 2.13 H 29 1' (H224895-95)

BTEX 80218		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2022	ND	2.21	111	2.00	2.61	
Toluene*	<0.050	0.050	10/20/2022	ND	2.10	105	2.00	1.06	
Ethylbenzene*	<0.050	0.050	10/20/2022	ND	2.04	102	2.00	1.89	
Total Xylenes*	<0.150	0.150	10/20/2022	ND	6.15	103	6.00	1.84	
Total BTEX	<0.300	0.300	10/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.2 % 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	10/20/2022	ND	416	104	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	10/20/2022	ND	219	110	200	6.75	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	221	111	200	8.99	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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Released to Imaging: 11/29/2022 4:18:57 PM



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Released to Imaging: 11/29/2022 4:18:57 PM



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC Project Manager: Jody Walters Address: City: State: Zip: Phone #: Fax #: Project #: Project Name: F-16 Project Location: 32.4283568, -103.1801390 Sampler Name: Jody Walters		P.O. #: Company: Address: City: State: Zip: Phone #: Fax #:	
Lab I.D. Sample I.D.		BILL TO	
H224895 21 ALCH 3.1 H2 4' 22 ALCH 3-1 H2 8' 23 ALCH 3-2 V3 10' 24 ALCH 3-2 H3 4' 25 ALCH 3-2 H3 8' 26 ALCH 3.3 V4 10' 27 ALCH 3.3 H4 4' 28 ALCH 3.3 H4 8' 29 ALCH 3.3 H5 4' 30 ALCH 3.3 H5 8'		ANALYSIS REQUEST	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		MATRIX PRESERV SAMPLING	
DATE TIME		CL TPH EXT BTEX	
Relinquished By: Date: 10-9-22 Time: 0925 Received By: [Signature]		REMARKS: WB# E-2012-61-2300134 Turnaround Time: Standard ☒ Rush ☐ Thermometer ID #113 Correction Factor -0.5°C Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: 62 Corrected Temp. °C: 56 Sample Condition: Cool Intact ☒ Yes ☐ No Checked By: [Signature]	

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



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC Project Manager: Tody Walters Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: F-16 Project Location: 32.4283568, -103.1301390 Sample Name: Tody Walters FOR LAB USE ONLY		BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #: Matrix: (G)RAB OR (C)OMP. CONTAINERS: GROUNDWATER: WASTEWATER: SOIL: OIL: SLUDGE: OTHER: ACID/BASE: ICE / COOL: OTHER: PRESERV: SAMPLING:	
Lab I.D. Sample I.D. H2248X 31 ALCA 3.4 V5 10' 32 ALCA 3.4 H6 4' 33 ALCA 3.4 H6 8' 34 ALCA 3.5 V6 10' 35 ALCA 3.6 V7 10' 36 ALCA 3.7 V8 10' 37 ALCA 3.7 H7 4' 38 ALCA 3.7 H7 8' 39 ALCA 3.8 V9 10' 40 ALCA 3.8 H9 4'		DATE TIME CL TPH EXT BTEX	
Relinquished By: [Signature] Date: 10-19-22 Time: 0925 Received By: [Signature] Date: 10-19-22 Time: 0925 Observed Temp. °C: 6.2 Corrected Temp. °C: 5.6 Sample Condition: Cool Intact Yes ☒ No ☐ CHECKED BY: (Initials) [Signature] Turnaround Time: Standard ☒ Rush ☐ Thermometer ID #113: [Signature] Correction Factor -0.5°C: [Signature] Remarks: WBS # E-22012-66-21300174		Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address: Corrected Temp. °C:	



ETC

Page 103 of 107



ETC

Tody we ltr

BILL TO

ANALYSIS REQUEST

Page 105 of 107

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC		BILL TO		ANALYSIS REQUEST	
Project Manager: Todd W. Hae		P.O. #:			
Address:		Company:			
City:		Attn:			
Phone #:		Address:			
Fax #:		City:			
Project #:		State:			
Project Name: F-16		Zip:			
Project Location: 32.4283568, -103.1301390		Phone #:			
Sample Name: Todyrda H65		Fax #:			
FOR LAB USE ONLY		PRESEV		SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE
				GROUNDWATER	
				WASTEWATER	
				SOIL	
				OIL	
				SLUDGE	
				OTHER :	
				ACID/BASE:	
				ICE / COOL	
				OTHER :	
					TIME
H224895	AREH 2.5 H 19 1'				10/6/22 7:00
81	AREH 2.9 H 20 1'				
82	AREH 2.10 V 11 2'				
83	AREH 2.10 H 21 1'				
84	AREH 2.10 H 22 1'				
85	AREH 2.11 V 12 2'				
86	AREH 2.11 H 23 1'				
87	AREH 2.11 H 24 1'				
88	AREH 2.12 V 13 2'				
89	AREH 2.12 H 25 1'				
90					
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Relinquished By:		Date: 10-19-22		Received By:	
Relinquished By:		Date: 10-19-22		Received By:	
Time:		Time:		Time:	
Delivered By: (Circle One)		Observed Temp. °C: 6.2		Sample Condition:	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: 5.6		Checked By: (Initials)	
				Turnaround Time: Standard ☒ Rush ☐	
				Thermometer ID #113	
				Correction Factor -0.5°C	
				Bacteria (only) Sample Condition	
				Cool Intact	
				Yes	
				No	
				Corrected Temp. °C	
REMARKS:					
WBSE-22012-6L-21300174					
All Res. units are emailed. Please provide Email address:					
Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com					



Corrected Temp. °C	5.6	☒ Yes	☒ Yes
		☐ No	☐ No

† Cardinal cannot accept verbal change

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Attachment IV
NMOCD Form C-141 Remediation Pages

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2212446966
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: Carolyn.blackaller@energytransfer.com	Incident # (assigned by OCD)
Contact mailing address: 600 N. Marienfeld St., Suite 700, Midland, TX 79701	

Location of Release Source

Latitude 32.4283568 Longitude -103.130139
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: F-16	Site Type: Pipeline
Date Release Discovered: 4/23/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
O	S35	T21S	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☒ Natural Gas	Volume Released (Mcf): 203.9 mcf	Volume Recovered (Mcf): 0 mcf
☒ Other (describe) pipeline liquids	Volume/Weight Released (provide units) 51.2 bbl	Volume/Weight Recovered (provide units) 0 bbl

Cause of Release: The release was attributed to an unknown cause.

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2212446966
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? An unauthorized release of a volume, excluding gases, 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)? Carolyn Blackaller to NMOCD District I & Jim Griswold via email on 4/25/2022 at 8:33am.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ 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>Dean D. Ericson</u>	Date: <u>5/4/2022</u>
email: <u>Carolyn.blackaller@energytransfer.com</u>	Telephone: <u>(432) 203-8920</u>
<u>dean.ericson@energytransfer.com</u>	<u>432-238-2142</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2212446966
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?	48 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141

Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2212446966
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: 110222
email: dean.ericson@energytransfer.com Telephone: 432-238-2142

OCD Only

Received by: Jocelyn Harimon Date: 11/04/2022

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2212446966
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: 11/02/22
email: dean.ericson@energytransfer.com Telephone: 432-238-2142

OCD OnlyReceived by: Jocelyn Harimon Date: 11/04/2022☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2212446966
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: Carolyn Blackaller Title: Sr. Environmental SpecialistSignature: Dean D. Ericson Date: 1/25/2021email: Carolyn.blackaller@energytransfer.com Telephone: (432) 203-8920dean.ericson@energytransfer.com 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: Jennifer Nobui Date: 11/29/2022Printed Name: Jennifer Nobui Title: Environmental Specialist A

Liquid Spill☐ Secondary Containment with Liner**Enter Numbers Only**

Length of Spill Area (ft):	230.0
Width of Spill Area (ft):	65.0
Depth of Spill Area (ft):	0.4
% Oil in Liquid:	30.0
Amount Recovd. (bbls):	0.0

Est. Liquid Vol. (bbls):	15.37649
Porosity Factor (soil type):	Clay
Vol. of Oil Released (bbls):	15.37649
Vol. of Water Released (bbls):	35.87847
Impacted Soil Vol (ft3):	19.380

Gas Release Calc. (Leak, Relief Vlv, etc.)

Hole or Rip/Gouge?:	Hole
Length (in inches):	
Width (in inches):	
Diameter (in inches):	0.250
Pressure (psig):	40.0
Temperature (Deg F):	67.0

Specific Gravity:	0.750
Pipeline Diameter:	16.000
Equivalent Diameter:	0.250
Release Rate (MCF/Hour):	2.8

Gas Release (Mcf): 203.9

From: Ericson, Dean <Dean.Ericson@energyTransfer.com>
Sent: Sunday, September 25, 2022 9:48:00 AM
To: Jody Walters <jwalters@blackstarenergyservices.com>
Subject: FW: [EXTERNAL] RE: ETC - F-14-6-3 Pipeline Release/Remediation Sampling

From: Ericson, Dean
Sent: Tuesday, August 30, 2022 8:07 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] RE: ETC - F-14-6-3 Pipeline Release/Remediation Sampling

Jennifer,

Please be advised, vertical point contains rainwater, will have to postpone sampling. Will submit request later this week.

Thanks,

Dean D. Ericson
Sr. Environmental Specialist
ER/Waste/Water/Remediation
Energy Transfer
O: 817.302.9573
C: 432-238-2142

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Monday, August 29, 2022 9:54 AM
To: Ericson, Dean <Dean.Ericson@energyTransfer.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] RE: ETC - F-14-6-3 Pipeline Release/Remediation Sampling

Dean

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Ericson, Dean <Dean.Ericson@energyTransfer.com>
Sent: Sunday, August 28, 2022 7:07 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: [EXTERNAL] RE: ETC - F-14-6-3 Pipeline Release/Remediation Sampling

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Jennifer,

As discussed, ETC will be ready to collect a vertical sample on the F-16 remediation in Lea County (32.4283568, -103.130139) this Tuesday. Please advise if NMOCD will be able to be present to witness.

Any questions please call,

Thanks,

Dean D. Ericson
Sr. Environmental Specialist
ER/Waste/Water/Remediation
Energy Transfer
O: 817.302.9573
C: 432-238-2142

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Monday, April 25, 2022 11:21 AM
To: Blackaller, Carolyn J <Carolyn.Blackaller@energyTransfer.com>
Cc: Ericson, Dean <Dean.Ericson@energyTransfer.com>; Hummel, Larry <Larry.Hummel@energytransfer.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: RE: [EXTERNAL] Energy Transfer F-14-6-3 Pipeline Release 4/23 Notification

Carolyn,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>

From: Blackaller, Carolyn J <Carolyn.Blackaller@energyTransfer.com>
Sent: Monday, April 25, 2022 7:33 AM
To: EMNRD-OCD-District1spills <EMNRD-OCD-District1spills@state.nm.us>
Cc: Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Ericson, Dean <Dean.Ericson@energyTransfer.com>; Hummel, Larry <Larry.Hummel@energytransfer.com>
Subject: [EXTERNAL] Energy Transfer F-14-6-3 Pipeline Release 4/23 Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning, on 4/23/2022 at 15:00 Energy Transfer's F-14-6-3 Pipeline in Lea County (32.4283568, -103.130139) experienced a release of 51.24 bbls pipeline liquids. The C-141 will be submitted according to the regulations. In the meantime should you have any questions, please do not hesitate to contact me.

Warm Regards,

Carolyn J. Blackaller
Sr. Environmental
Specialist
ETC Texas Pipeline, Ltd.

O: 432.203.8920
C: 432.238.8421

Private and confidential as detailed [here](#). If you cannot access hyperlink, please e-mail sender.

Private and confidential as detailed [here](#). If you cannot access hyperlink, please e-mail sender.

Private and confidential as detailed [here](#). If you cannot access hyperlink, please e-mail sender.

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 156197

CONDITIONS

Operator: ETC Texas Pipeline Ltd., Limited Partnership 8111 Westchester Drive Dallas, TX 75225	OGRID: 328923
	Action Number: 156197
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	APP ID# 156197 is the approved closure report. Release resolved. Please note lat/long incorrect in report.	11/29/2022