



BLACKSTAR Operating, LLC
12401 W County Rd | Odessa, TX 79765 | Phone 432-272-3395

December 9, 2022

Attn: Mike Bratcher

New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau – District 2
811 S. First St.
Artesia, NM 88210

**RE: Request for Closure
ETC Texas Pipeline, Ltd. – Trunk M Pipeline
UL/A sec. 13 T22S R36E – UL/D sec. 18 T22S R37E
32.396842, 103.211077
nAPP2209040079**

Mr. Bratcher:

ETC Texas Pipeline, Ltd. (ETC) has retained Blackstar Energy Services, LLC (Blackstar) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The point of release is located approximately four (4.0) miles southwest of Eunice, New Mexico at Unit Letter A of Section 13 in Township 22 South of Range 36 East (Figure 1). The latitude of the release location is 32.396842 and the longitude is -103.211077. This site is located in an area where groundwater can be anticipated to found at a depth greater than one-hundred (100) feet below ground surface (bgs) (Figure 2). Given that there were no wells with current water data within the half-mile radius of the location, ETC requested Blackstar to remediate to the most stringent levels from Table 1 of the New Mexico Administrative Code Title 19 – NATURAL RESOURCES AND WILDLIFE Chapter 15 – OIL AND GAS Part 29.12.D - REMEDIATION AND CLOSURE (Table 1).

Table 1 Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

*Or other test methods approved by the division.

**Numerical limits or natural background level, whichever is greater.

***This applies to releases of produced water or other fluids, which may contain chloride.

[19.15.29.12 NMAC – N, XX/XX/201?]

On March 25th, 2022, ETC discovered a release of approximately seventeen (17) barrels (bbls) of pipeline fluids due to corrosion of the pipeline. None of the liquids were recovered. The release impacted an approximate thirty-eight thousand (38,000) square feet (ft²) of pipeline right-of-way and lease roads. The New Mexico Oil Conservation Division (NMOCD) was notified of the release on March 31st, 2022, and an initial Release Notification and Corrective Action form (C-141) was submitted to NMOCD on the same day for approval (Appendix A). The C-141 was approved on March 31st, 2022.

Blackstar personnel were on site October 7th, 2022, to begin remediation activities. The impacted area was excavated to various depths ranging from two (2) feet throughout most of the excavation to seventeen (17) feet at the source of the release. Approximately two-thousand five hundred (2,500) cubic yards of contaminated soils were excavated and disposed at an NMOCD approved facility.

Soil samples were retrieved from the floor of the excavation (V) as well as the walls (H); and field screens were performed to ensure no contamination above the Table 1 standards remained. Composite soil samples were retrieved every two-hundred (200) square feet for both the floor of the excavation as well as the walls and submitted to an approved NMOCD commercial

laboratory (Cardinal Laboratories in Hobbs, NM [Cardinal]) for concentration analyses of chloride, Gas Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO) [TPH]. As part of the analytical suite, Benzene, Toluene, Ethyl-benzene and xylenes (BTEX) were also analyzed.

Analytical results showed that wall samples H43, H44, H45, H46, and H73 were above the Table 1 standard concentration of 100 mg/kg for TPH. Blackstar personnel advanced the walls in these areas to remove the contamination. Composite soil samples were again retrieved and sent to Cardinal for re-evaluation. Laboratory analyses confirmed that no contamination above the Table 1 standards remained. (Appendix B).

Soil samples from the ETC - Trunk M Pipeline release site were analyzed by an NMOCD approved laboratory, and concentrations of BTEX, chloride and TPH were below the most stringent Table 1 limits for each analyte established for the site. ETC via Blackstar requests site closure to the Trunk M Pipeline release.

A compilation of all samples submitted to Cardinal is provided as "Table". Photo documentation of the release area and remediation can be found in Appendix C. Correspondence can be found in Appendix D.

Blackstar appreciates the opportunity to work with you on this project. Please contact me if you have any questions or wish to discuss the site in greater detail.

Sincerely,



Robbie Runnels
Senior Project Manager
Blackstar Operations
12401 W. County Rd.
Odessa, TX 79765
O (432) 272-3395 C (575) 441-5598

Attachments:

Figure 1 – Site Location Map
Figure 2 – Depth to Groundwater
Figure 3 - Initial Sampling Data
Table – Soil Chemistry Table
Appendix A – Final C-141
Appendix B – Laboratory Analyses
Appendix C – Photo Documentation
Appendix D – Correspondence

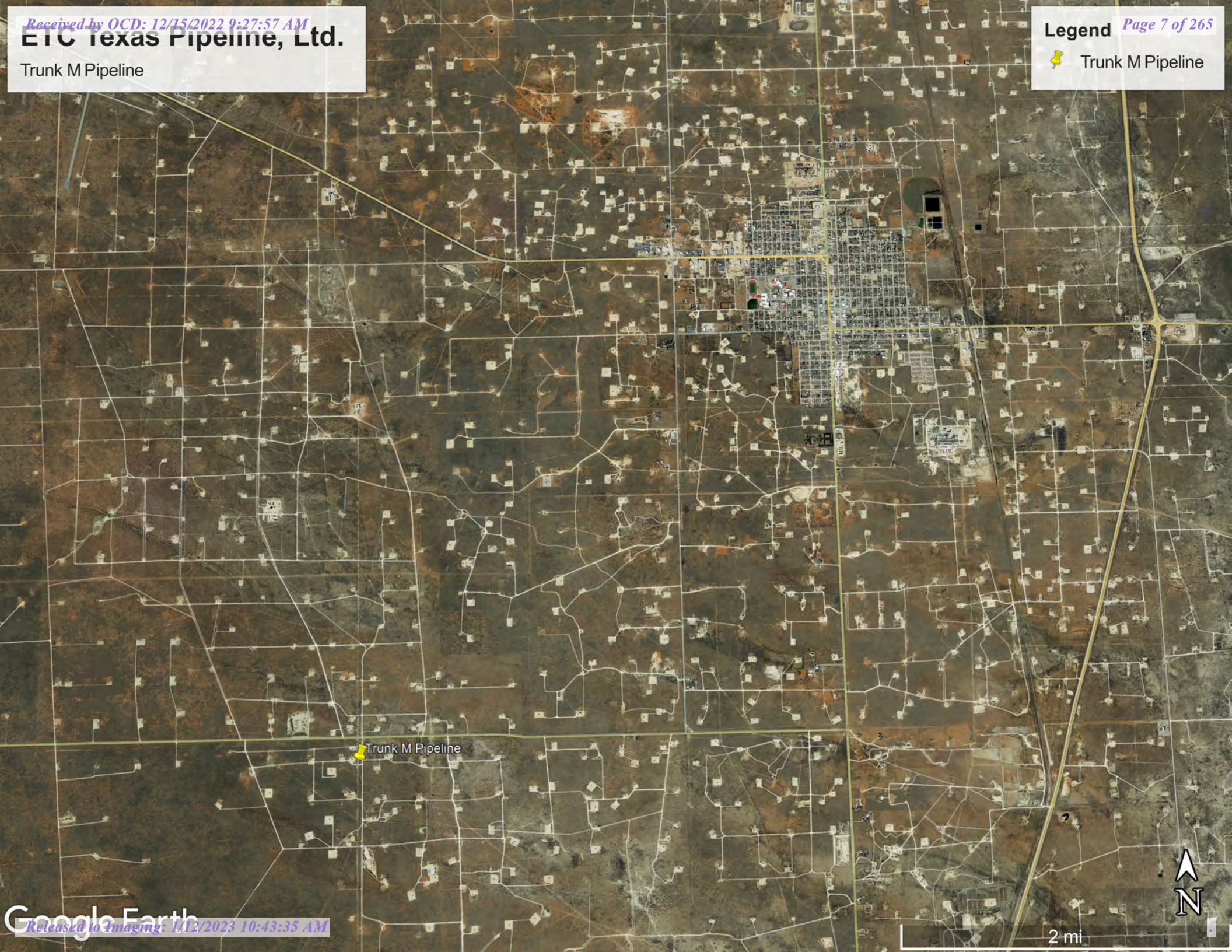
cc. Ryan Mann
New Mexico State Land Office
914 N. Linam
Hobbs, NM 88240
575-392-8736

Dean Ericson
Energy Transfer
610 Commerce St.
Jal, NM 88252
432-238-2142

FIGURES

Figure 1

Site Location



Trunk M Pipeline



Figure 2

Groundwater



Legend:	OSE POD Locations Map	Figure 2
<div><div>●</div> Trunk M Location</div> <div><div>●</div> Active OSE Water Well</div> <div><div>○</div> Soil Bore</div> <div><div>○</div> .5 mile Radius</div>	ETC Texas Pipeline, Ltd. Trunk M GPS: 32.396842, -103.211077 Lea County	



Legend:	USGS Well Locations Map	Figure 3
<ul style="list-style-type: none">● Trunk M Location	ETC Texas Pipeline, Ltd. Trunk M GPS: 32.396842, -103.211077 Lea County	



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)		(NAD83 UTM in meters)					
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	CP 01651 POD1	1	3	4	12	22S	36E	667538	3586460
Driller License: 1753		Driller Company:		VANGUARD WATER WELLS					
Driller Name: JACOB FIRESSEN									
Drill Start Date: 02/23/2017		Drill Finish Date:		02/24/2017		Plug Date:			
Log File Date: 03/22/2017		PCW Rev Date:				Source: Shallow			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size: 5.00		Depth Well:		148 feet		Depth Water:			
Water Bearing Stratifications:		Top	Bottom	Description					
		24	139	Sandstone/Gravel/Conglomerate					
Casing Perforations:		Top	Bottom						
		108	148						

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Well Tag	POD Number	Q64	Q16	Q4	Sec Tws Rng	X	Y
	CP 01651 POD1	1	3	4	12 22S 36E	667538	3586460
Driller License: 1753		Driller Company:		VANGUARD WATER WELLS			
Driller Name: JACOB FIRESSEN							
Drill Start Date: 02/23/2017		Drill Finish Date:		02/24/2017		Plug Date:	
Log File Date: 03/22/2017		PCW Rev Date:				Source: Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:	
Casing Size: 5.00		Depth Well:		148 feet		Depth Water:	
Water Bearing Stratifications:		Top	Bottom	Description			
		24	139	Sandstone/Gravel/Conglomerate			
Casing Perforations:		Top	Bottom				
		108	148				

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USGS 322343103123901 22S.36E.13.22222

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SUMMARY OF ALL AVAILABLE DATA ▼

GO

Well Site

DESCRIPTION:

Latitude 32°23'43", Longitude 103°12'39" NAD27
Lea County, New Mexico , Hydrologic Unit 13070007
Well depth: not determined.
Land surface altitude: 3,450 feet above NAVD88.
Well completed in "Other aquifers" (N9999OTHER) national aquifer.
Well completed in "Chinle Formation" (231CHNL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1968-03-19	1976-01-20	3
Revisions	Unavailable (site:0) (timeseries:0)		

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URL: [https://waterdata.usgs.gov/nwis/inventory?](https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=322343103123901)

[agency_code=USGS&site_no=322343103123901](https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=322343103123901)



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Well Site

DESCRIPTION:

Latitude 32°24'22.48", Longitude 103°13'35.93" NAD83
Lea County, New Mexico , Hydrologic Unit 13070007
Well depth: 212 feet
Land surface altitude: 3,498 feet above NAVD88.
Well completed in "Other aquifers" (N9999OTHER) national aquifer.
Well completed in "Alluvium, Bolson Deposits and Other Surface Deposits" (110AVMB) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1966-08-18	2016-01-06	12
Revisions	Unavailable (site:0) (timeseries:0)		

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URL: [https://waterdata.usgs.gov/nwis/inventory?](https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=322409103133501)

[agency_code=USGS&site_no=322409103133501](https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=322409103133501)



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GO

Well Site

DESCRIPTION:

Latitude 32°24'23", Longitude 103°13'47" NAD27

Lea County, New Mexico, Hydrologic Unit 13070007

Well depth: not determined.

Land surface altitude: 3,516 feet above NAVD88.

Well completed in "Other aquifers" (N9999OTHER) national aquifer.

Well completed in "Ogallala Formation" (121OGLL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1953-11-12	1970-12-03	4
Revisions	Loading...		

OPERATION:

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site_no list =

- 322409103133501

Minimum number of levels = 1

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USGS 322409103133501 22S.36E.12.31112

Lea County, New Mexico

Latitude 32°24'22.48", Longitude 103°13'35.93" NAD83

Land-surface elevation 3,498 feet above NAVD88

The depth of the well is 212 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1966-08-18			D 62610		3381.47	NGVD29	1	Z		
1966-08-18			D 62611		3382.89	NAVD88	1	Z		
1966-08-18			D 72019	115.11			1	Z		
1970-12-03			D 62610		3380.47	NGVD29	1	Z		
1970-12-03			D 62611		3381.89	NAVD88	1	Z		
1970-12-03			D 72019	116.11			1	Z		
1976-01-20			D 62610		3377.41	NGVD29	1	Z		
1976-01-20			D 62611		3378.83	NAVD88	1	Z		
1976-01-20			D 72019	119.17			1	Z		
1981-03-12			D 62610		3375.43	NGVD29	1	Z		
1981-03-12			D 62611		3376.85	NAVD88	1	Z		
1981-03-12			D 72019	121.15			1	Z		
1981-05-20			D 62610		3375.30	NGVD29	1	Z		
1981-05-20			D 62611		3376.72	NAVD88	1	Z		
1981-05-20			D 72019	121.28			1	Z		
1986-03-07			D 62610		3374.09	NGVD29	1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1986-03-07			D	62611	3375.51	NAVD88	1	Z		
1986-03-07			D	72019	122.49		1	Z		
1991-05-01			D	62610	3372.81	NGVD29	1	Z		
1991-05-01			D	62611	3374.23	NAVD88	1	Z		
1991-05-01			D	72019	123.77		1	Z		
1996-02-15			D	62610	3372.45	NGVD29	1	S		
1996-02-15			D	62611	3373.87	NAVD88	1	S		
1996-02-15			D	72019	124.13		1	S		
2001-02-07			D	62610	3371.95	NGVD29	1	V		
2001-02-07			D	62611	3373.37	NAVD88	1	V		
2001-02-07			D	72019	124.63		1	V		
2006-02-22			D	62610	3373.84	NGVD29	1	S	USGS	
2006-02-22			D	62611	3375.26	NAVD88	1	S	USGS	
2006-02-22			D	72019	122.74		1	S	USGS	
2011-01-13	21:00 UTC		m	62610	3376.57	NGVD29	1	S	USGS	
2011-01-13	21:00 UTC		m	62611	3377.99	NAVD88	1	S	USGS	
2011-01-13	21:00 UTC		m	72019	120.01		1	S	USGS	
2016-01-06	21:15 UTC		m	62610	3370.23	NGVD29	1	V	USGS	
2016-01-06	21:15 UTC		m	62611	3371.65	NAVD88	1	V	USGS	
2016-01-06	21:15 UTC		m	72019	126.35		1	V	USGS	

Explanation

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

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Figure 3

Sampling Data



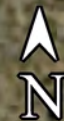
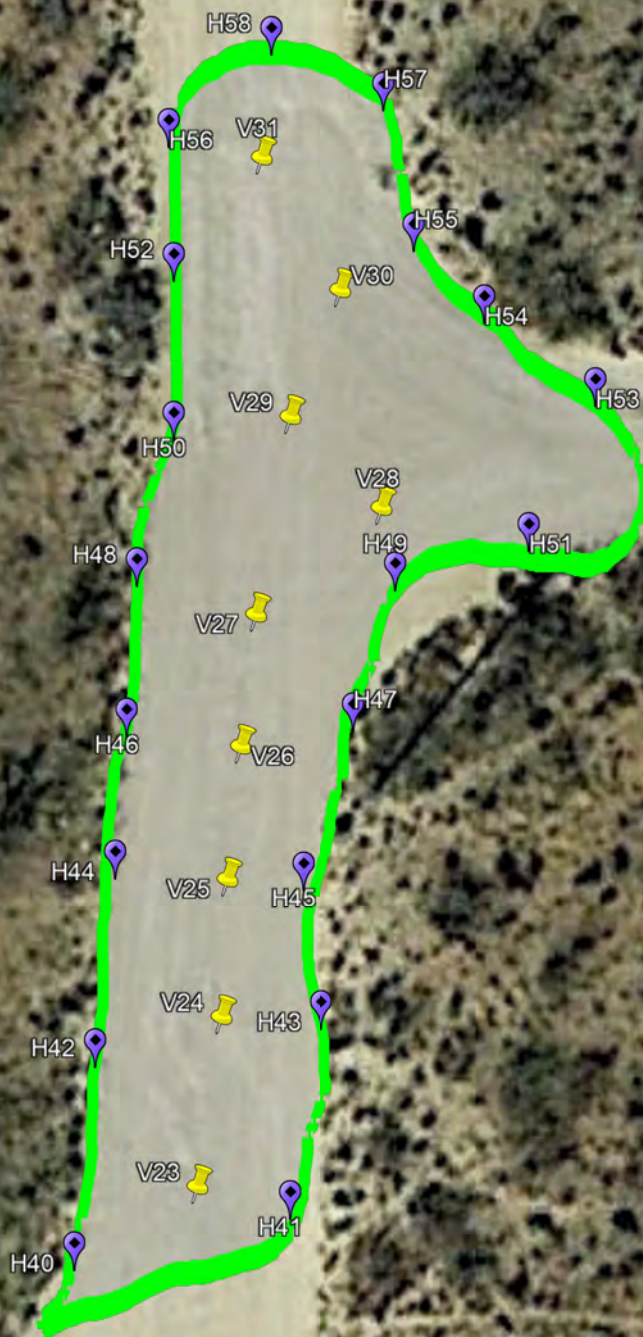
Survey

Trunk M Pipeline

Sampling Data - Section 2

Legend

- Excavation
- Feature 1
- Feature 2



Trunk M Pipeline

Sampling Data - Section 3

Legend

- Excavation
- Floor Sample Locations
- Wall Sample Locations



TABLE

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
 ETC Texas Pipeline, Ltd.
 Trunk M Pipeline
 LEA COUNTY, NEW MEXICO
 UL A SEC 13, T-22-S, R-36-E
 NMOCD REFERENCE #: nAPP2209040079

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C ₆ -C ₃₆ (mg/Kg)	4500 Cl-B	FIELD 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 ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₆ (mg/Kg)		CHLORIDE (mg/Kg)	
V1	17'	10/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	76.4	<10.0	76.4	128	NA
V1	18'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
V2	2'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
V3	2'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
V4	2'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
V5	2'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
V6	2'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
V7	5'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
V8	5'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
V9	5'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
V10	7'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
V11	7'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
V12	7'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
V13	7'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
V14	17'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
V15	17'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
V16	17'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
V17	17'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
V18	17'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
V19	2'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
V20	2'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
V21	2'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
V22	2'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
V23	2'	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	208	NA
V24	2'	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	224	NA
V25	2'	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	208	NA
V26	2'	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	224	NA
V27	2'	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	304	NA
V28	2'	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	256	NA
V29	2'	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	192	NA
V30	2'	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	224	NA
V31	4'	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	224	NA
V32	3'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.5	<10.0	<30.0	224	NA
V33	3'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.7	<10.0	<30.0	192	NA
V34	4'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.4	<10.0	<30.0	192	NA
V35	3'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	208	NA
V36	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	64.0	NA
V37	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	80.0	NA
V38	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	160	NA
V39	3'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	48.0	NA
V40	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.1	<10.0	<30.0	144	NA
V41	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	128	NA
V42	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	144	NA
V43	4'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.1	<10.0	<30.0	160	NA
V44	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
 ETC Texas Pipeline, Ltd.
 Trunk M Pipeline
 LEA COUNTY, NEW MEXICO
 UL A SEC 13, T-22-S, R-36-E
 NMOCD REFERENCE #: nAPP2209040079

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C ₆ -C ₃₆ (mg/Kg)	4500 Cl-B	FIELD 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 ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₆ (mg/Kg)		CHLORIDE (mg/Kg)	
V45	3'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.4	<10.0	<30.0	176	NA
V46	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.8	<10.0	<30.0	144	NA
V47	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	80.0	NA
V48	2'	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	<10.0	<30.0	160	NA
H1	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H2	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H3	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H4	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H5	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H6	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H7	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H8	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H9	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H10	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H11	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H12	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H13	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H14	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H15	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H16	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H16	6'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H17	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H17	6'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H18	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H18	6'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H19	6'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H20	6'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H21	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H21	6'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H22	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H22	8'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H22	12'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H22	16'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H23	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H23	8'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H23	12'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H23	16'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H24	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H24	8'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H24	12'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H24	16'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H25	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H25	8'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H25	12'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H25	16'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
 ETC Texas Pipeline, Ltd.
 Trunk M Pipeline
 LEA COUNTY, NEW MEXICO
 UL A SEC 13, T-22-S, R-36-E
 NMOCD REFERENCE #: nAPP2209040079

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C ₆ -C ₃₆ (mg/Kg)	4500 Cl-B	FIELD 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 ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₆ (mg/Kg)		CHLORIDE (mg/Kg)	
H26	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H26	8'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H26	12'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H26	16'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H27	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H27	8'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	48.0	NA
H27	12'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H27	16'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	48.0	NA
H28	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H28	8'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H28	12'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H28	16'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H29	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H29	8'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H29	12'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H29	16'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H30	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H31	4'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H32	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H33	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H34	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H35	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H36	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H37	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H38	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H39	1'	10/20/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H40	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	55.0	20.5	75.5	192	NA
H41	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.9	16.7	42.6	272	NA
H42	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.8	<10.0	<30.0	240	NA
H43	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	152	148	300	192	NA
H43.1	Various	11/15/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	NA
H44	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	134	130	264	176	NA
H44.1	Various	11/15/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H45	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	134	124	258	160	NA
H45.1	Various	11/15/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32.0	NA
H46	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.7	51.0	112.7	352	NA
H46.1	Various	11/15/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H47	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.2	18.2	49.4	256	NA
H48	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	59.8	39.2	100.0	272	NA
H49	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	58.4	39.8	98.2	240	NA
H50	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.5	33.2	77.7	176	NA
H51	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	60.5	38.9	99.4	240	NA
H52	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	192	NA
H53	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	80.0	NA
H54	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	160	NA
H55	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	304	NA

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
 ETC Texas Pipeline, Ltd.
 Trunk M Pipeline
 LEA COUNTY, NEW MEXICO
 UL A SEC 13, T-22-S, R-36-E
 NMOCD REFERENCE #: nAPP2209040079

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C ₆ -C ₃₆ (mg/Kg)	4500 Cl-B	FIELD 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 ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₆ (mg/Kg)		CHLORIDE (mg/Kg)	
H56	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	256	NA
H57	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	256	NA
H58	Various	11/8/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	224	NA
H59	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	80.0	NA
H60	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	80.0	NA
H61	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	144	NA
H62	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	96.0	NA
H63	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.6	<10.0	<30.0	128	NA
H64	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	112	NA
H65	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	160	NA
H66	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	128	NA
H67	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	48.0	NA
H68	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36.4	<10.0	36.4	160	NA
H69	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.3	<10.0	<30.0	176	NA
H70	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	112	NA
H71	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.8	<10.0	<30.0	128	NA
H72	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	80.0	NA
H73	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	218	61.7	279.7	529	NA
H73.1	Various	11/23/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	16.0	NA
H74	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	64.0	NA
H75	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	96.0	NA
H76	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	144	NA
H77	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.9	<10.0	<30.0	176	NA
H78	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	80.0	NA
H79	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	176	NA
H80	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.5	<10.0	<30.0	96.0	NA
H81	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.0	<10.0	<30.0	224	NA
H82	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	112	NA
H83	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.2	<10.0	<30.0	192	NA
H84	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	160	NA
H85	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	144	NA
H86	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.5	<10.0	<30.0	160	NA
H87	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	96.0	NA
H88	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.0	<10.0	<30.0	176	NA
H89	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.1	<10.0	<30.0	176	NA
H90	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	208	NA
H91	Various	11/18/2022	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	144	NA
NMOCD Regulatory Standard				10				50				100	600	

NA = Not Analyzed

APPENDICES

APPENDIX – A

C-141

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	nAPP2209040079
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 32.396842 Longitude -103.211077
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Trunk M Pipeline	Site Type: Pipeline
Date Release Discovered: 3/25/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	S13	T22S	R36E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf):	Volume Recovered (Mcf):
<input checked="" type="checkbox"/> Other (describe) pipeline liquids	Volume/Weight Released (provide units) 17.36 bbl	Volume/Weight Recovered (provide units) 110 bbl

Cause of Release: The release was attributed to corrosion of the pipeline segment.

Liquid Spill

☒ Secondary Containment with Liner

Enter Numbers Only

Length of Spill Area (ft):	65.0	Est. Liquid Vol. (bbls):	-106.52705
Width of Spill Area (ft):	50.0	Porosity Factor (soil type):	Sandstone
Depth of Spill Area (ft):	2.0	Vol. of Oil Released (bbls):	3.47295
% Oil in Liquid:	20.0	Vol. of Water Released (bbls):	13.89180
Amount Recovd. (bbls):	110.0	Impacted Soil Vol (ft3):	20.062

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 94792

CONDITIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 94792
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	3/31/2022

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: Dean D. Ericson_____ Title: Sr. Environmental Specialist_____

Signature:_____ Date: _05/12/2022_____

email: dean.ericson@energytransfer.com_____ Telephone: _432-238-2142_____

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2209040079
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: 05/12/2022 _____

email: dean.ericson@energytransfer.com _____ Telephone: 432-238-2142 _____

OCD Only

Received by: Jocelyn Harimon _____ Date: 12/15/2022 _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

District I
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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	nAPP2209040079
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 OCD District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dean Ericson Title: Sr. Environmental Specialist
Signature: Dean D. Ericson Date: 12/9/2022
email: Dean.ericson@energytransfer.com Telephone: 432-238-2142

OCD Only

Received by: Jocelyn Harimon Date: 12/15/2022

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: 01/12/2023
Printed Name: Jennifer Nobui Title: Environmental Specialist A

APPENDIX – B

Analytical Reports



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

October 19, 2022

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: TRUNK 'M'

Enclosed are the results of analyses for samples received by the laboratory on 10/18/22 13:35.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/18/2022
Reported: 10/19/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: V1 17' (H224885-01)

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	10/19/2022	ND	2.05	103	2.00	9.53		
Toluene*	<0.050	0.050	10/19/2022	ND	2.02	101	2.00	9.53		
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	2.00	100	2.00	9.70		
Total Xylenes*	<0.150	0.150	10/19/2022	ND	6.09	101	6.00	9.78		
Total BTEX	<0.300	0.300	10/19/2022	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	128	16.0	10/19/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	206	103	200	3.39	
DRO >C10-C28*	76.4	10.0	10/18/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 67.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.0 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>ETC</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Sody Walters</u>		Company:					
Address:		City:		State:		Zip:	
Phone #:		Fax #:		Address:			
Project #:		Project Owner:		City:		State:	
Project Name: <u>Trunk M</u>		State:		Zip:			
Project Location: <u>32.396842, -103.211077</u>		Phone #:		Fax #:			
Sampler Name: <u>Sody Walters</u>		FQ: LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D. <u>1424885</u>		Sample I.D. <u>V117</u>		(G)RAB OR (C)OMP.		# CONTAINERS	
				GROUNDWATER		WASTEWATER	
				SOIL		OIL	
				SLUDGE		OTHER:	
				ACID/BASE:		ICE / COOL	
				OTHER:		DATE	
				TIME		CL	
						TPH EXT	
						BTEx	
						RUSH	
Relinquished By: <u>[Signature]</u>		Date: <u>10-18-22</u>		Received By: <u>[Signature]</u>		Date: <u>10-18-22</u>	
Time: <u>1335</u>		Time: <u>11:40</u>					
Observed Temp. °C <u>30.1</u>		Corrected Temp. °C <u>30.2</u>		Sample Condition		CHECKED BY: <u>[Signature]</u>	
Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
Turnaround Time: <u>12012-6L-21300165</u>		Thermometer ID #113		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition	
Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temp. °C					



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

October 28, 2022

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: TRUNK 'M'

Enclosed are the results of analyses for samples received by the laboratory on 10/21/22 9:00.

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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 1 1' (H224956-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	2.06	103	2.00	0.165	
Toluene*	<0.050	0.050	10/27/2022	ND	2.20	110	2.00	1.32	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.07	103	2.00	1.55	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.27	105	6.00	1.38	
Total BTX	<0.300	0.300	10/27/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 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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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 2 1' (H224956-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	2.06	103	2.00	0.165	
Toluene*	<0.050	0.050	10/27/2022	ND	2.20	110	2.00	1.32	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.07	103	2.00	1.55	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.27	105	6.00	1.38	
Total BTEx	<0.300	0.300	10/27/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 3 1' (H224956-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.06	103	2.00	0.165	
Toluene*	<0.050	0.050	10/28/2022	ND	2.20	110	2.00	1.32	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	1.55	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	1.38	
Total BTX	<0.300	0.300	10/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 2 2' (H224956-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45		
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67		
Total BTEx	<0.300	0.300	10/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 4 1' (H224956-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45	
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67	
Total BTEx	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 5 1' (H224956-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45	
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67	
Total BTEx	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 3 2' (H224956-07)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45	
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 6 1' (H224956-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45	
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67	
Total BTEx	<0.300	0.300	10/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 7 1' (H224956-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45	
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67	
Total BTEx	<0.300	0.300	10/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 4 2' (H224956-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45		
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67		
Total BTEx	<0.300	0.300	10/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 99.9 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 8 1' (H224956-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45		
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67		
Total BTEx	<0.300	0.300	10/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 9 1' (H224956-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45		
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 5 2' (H224956-13)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45	
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67	
Total BTX	<0.300	0.300	10/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 10 1' (H224956-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45		
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67		
Total BTEx	<0.300	0.300	10/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 11 1' (H224956-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45		
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 140 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 6 2' (H224956-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45		
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67		
Total BTEx	<0.300	0.300	10/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 119 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 12 4' (H224956-17)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45	
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	179	89.7	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	183	91.7	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 13 4' (H224956-18)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45	
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	249	124	200	6.13	QM-07
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 7 5' (H224956-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45		
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67		
Total BTEx	<0.300	0.300	10/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 14 4' (H224956-20)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.07	103	2.00	2.45	
Toluene*	<0.050	0.050	10/28/2022	ND	2.28	114	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.08	104	2.00	2.27	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.33	105	6.00	2.67	
Total BTX	<0.300	0.300	10/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 15 4' (H224956-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2022	ND	1.98	99.1	2.00	3.22		
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 8 5' (H224956-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	1.98	99.1	2.00	3.22	
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14	
Total BTEx	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 9 5' (H224956-23)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTX	<0.300	0.300	10/28/2022	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	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 16 4' (H224956-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTEx	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 16 6' (H224956-25)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 10 7' (H224956-26)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	10/26/2022	ND	384	96.0	400	8.00		

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 17 4' (H224956-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTEx	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	32.0	16.0	10/26/2022	ND	384	96.0	400	8.00	

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 17 6' (H224956-28)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00	

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 11 7' (H224956-29)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00	

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 18 4' (H224956-30)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00	

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 18 6' (H224956-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259		
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 19 6' (H224956-32)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.09	105	2.00	0.259	
Toluene*	<0.050	0.050	10/28/2022	ND	2.18	109	2.00	0.285	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.16	108	2.00	1.09	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.42	107	6.00	0.986	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00	

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 20 6' (H224956-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50		
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 13 7' (H224956-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTEx	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 12 7' (H224956-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTEx	<0.300	0.300	10/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 21 4' (H224956-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50		
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 21 6' (H224956-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50		
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

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	10/26/2022	ND	249	124	200	6.13	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	242	121	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 22 4' (H224956-38)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTX	<0.300	0.300	10/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 22 8' (H224956-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50		
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 22 12' (H224956-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50		
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26		
Total BTEx	<0.300	0.300	10/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 22 16' (H224956-41)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 102 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 14 17' (H224956-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTEx	<0.300	0.300	10/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 15 17' (H224956-43)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 23 4' (H224956-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50		
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 23 8' (H224956-45)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTX	<0.300	0.300	10/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2022	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 23 12' (H224956-46)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50		
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26		
Total BTX	<0.300	0.300	10/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 23 16' (H224956-47)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTEx	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 24 4' (H224956-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50		
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26		
Total BTEx	<0.300	0.300	10/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 24 8' (H224956-49)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 24 12' (H224956-50)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50		
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26		
Total BTX	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 24 16' (H224956-51)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 16 17' (H224956-52)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.05	102	2.00	1.50	
Toluene*	<0.050	0.050	10/28/2022	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	2.73	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.27	105	6.00	2.26	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	0.338	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	236	118	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 1 18' (H224956-53)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTX	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 25 4' (H224956-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTEx	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 25 8' (H224956-55)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTX	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 105 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 25 12' (H224956-56)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTX	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 25 16' (H224956-57)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTEx	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 107 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 26 4' (H224956-58)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTX	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 26 8' (H224956-59)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTX	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	32.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 101 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 26 12' (H224956-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTEx	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 26 16' (H224956-61)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTX	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 17 17' (H224956-62)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTEx	<0.300	0.300	10/27/2022	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	32.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 27 4' (H224956-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTEx	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 27 8' (H224956-64)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTX	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 27 12' (H224956-65)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTEx	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.0 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 27 16' (H224956-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTEx	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 96.2 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 28 4' (H224956-67)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTX	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 28 8' (H224956-68)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTX	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 28 12' (H224956-69)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTEx	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.3 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 28 16' (H224956-70)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTEx	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 18 17' (H224956-71)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77	
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76	
Total BTX	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	32.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.1 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 29 4' (H224956-72)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/27/2022	ND	1.98	99.0	2.00	3.77		
Toluene*	<0.050	0.050	10/27/2022	ND	2.09	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.05	102	2.00	3.75		
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.12	102	6.00	3.76		
Total BTX	<0.300	0.300	10/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	219	110	200	5.49	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	207	103	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 99.9 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 29 8' (H224956-73)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/27/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.53	109	6.00	0.456	
Total BTEx	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 75.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.3 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 29 12' (H224956-74)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/27/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.53	109	6.00	0.456	
Total BTEx	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 29 16' (H224956-75)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/27/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.53	109	6.00	0.456	
Total BTEx	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	10/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.1 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 30 4' (H224956-76)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/27/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 31 4' (H224956-77)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/27/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/27/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/27/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.3 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 19 2' (H224956-78)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.7 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 32 1' (H224956-79)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.6 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 33 1' (H224956-80)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60		
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.2 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 20 2' (H224956-81)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 34 1' (H224956-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60		
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 35 1' (H224956-83)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: V 21 2' (H224956-84)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.5 % 46.3-178

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Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 36 1' (H224956-85)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/26/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 37 1' (H224956-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60		
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.4 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 38 1' (H224956-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60		
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555		
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236		
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456		
Total BTEx	<0.300	0.300	10/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	32.0	16.0	10/26/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 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: 10/21/2022
Reported: 10/28/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 10/20/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 39 1' (H224956-88)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/26/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.2 % 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: 10/21/2022
 Reported: 10/28/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 10/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V 22 2' (H224956-89)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2022	ND	2.10	105	2.00	1.60	
Toluene*	<0.050	0.050	10/28/2022	ND	2.23	112	2.00	0.555	
Ethylbenzene*	<0.050	0.050	10/28/2022	ND	2.19	110	2.00	0.236	
Total Xylenes*	<0.150	0.150	10/28/2022	ND	6.53	109	6.00	0.456	
Total BTX	<0.300	0.300	10/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	10/26/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	198	99.2	200	2.31	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	198	98.8	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Caley D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

Page 92 of 100



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC		P.O. #:		BILL TO		ANALYSIS REQUEST					
Project Manager: Jody Walters		Company:									
Address:		Attn:									
City:		Address:									
Phone #:		City:									
Fax #:		State:									
Project #:		Zip:									
Project Name: Trunk W		City:									
Project Location: 32.396842, -103.211077		State:									
Sample Name: Jody Walters		Phone #:									
Fax #:		Zip:									
FOR LAB USE ONLY		PRESERV.		SAMPLING							
Lab I.D.		DATE		TIME							
Sample I.D.											
11 H 8 1'		10-20-22		1:00		CL					
12 H 9 1'						TPHEXT					
13 V 5 2'						BTEx					
14 H 10 1'											
15 H 11 1'											
16 V 6 2'											
17 H 12 4'											
18 H 13 4'											
19 V 7 5'											
20 H 14 4'											
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Relinquished By:		Date: 10-21-22		Received By:							
Relinquished By:		Date: 10-21-22		Received By:							
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)					
Sampler - UPS - Bus - Other:		28		<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		JS					
Corrected Temp. °C		28									
Turnaround Time: Standard		Thermometer ID #113		Bacteria (only) Sample Condition							
Correction Factor -0.5°C				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No							
				Observed Temp. °C							
				Corrected Temp. °C							

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ANALYSIS REQUEST

[illegible]

701110 5.5 0000 10/22

Page 94 of 100



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC		P.O. #:		ANALYSIS REQUEST																
Project Manager: Sedgwick		Company:																		
Address:		Attn:																		
City:		Address:																		
Phone #:		City:																		
Fax #:		State:																		
Project #:		Zip:																		
Project Name: Truck M		Phone #:																		
Project Location: 32-396842-103, 21077		Fax #:																		
Sampler Name: Sedgwick																				
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	CL	TPH EXT	BTEX									
H224956																				
31	H 18 6'																			
32	H 19 6'																			
33	H 20 6'																			
34	V 13 7'																			
35	V 12 7'																			
36	H 21 4'																			
37	H 21 6'																			
38	H 22 4'																			
39	H 22 8'																			
40	H 22 12'																			
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Relinquished By: [Signature]		Date: 10-21-22		Received By: [Signature]		Date: 10-20-22		Time: 1:00												
Delivered By: (Circle One)		Observed Temp. °C: 2.8		Sample Condition: Cool Intact		CHECKED BY: (Initials)														
Sampler - UPS - Bus - Other:		Corrected Temp. °C: 2.2		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Thermometer ID #113														
FORM 006 R-3-3 07/10/22																				

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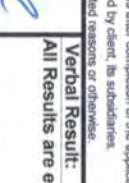


101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC				BILL TO				ANALYSIS REQUEST					
Project Manager: Jody Wehrs				P.O. #:									
Address:				Company:									
City:				Attn:									
State:				Address:									
Phone #:				City:									
Project #:				State:									
Project Name: Trunk W				Zip:									
Project Location: 32.396842, -103.211077				Phone #:									
Sampler Name: Jody Wehrs				Fax #:									
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
				GROUNDWATER				WASTEWATER					
				SOIL				OIL					
				SLUDGE				OTHER :					
				ACID/BASE:				ICE / COOL					
				OTHER :				DATE		TIME			
H224956		41 H 22 16'						10-20-22		1:00		CL	
42 V 14 17'												TPH EXT	
43 V 15 17'												BTEX	
44 H 23 4'													
45 H 23 8'													
46 H 23 12'													
47 H 23 16'													
48 H 24 4'													
49 H 24 8'													
50 H 24 12'													

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Relinquished By: 		Date: 10-21-22		Received By: 		Time: 0900	
Relinquished By: 		Date:		Received By: 		Time:	

Delivered By: (Circle One) ☒ UPS ☐ Bus ☐ Other

Observed Temp. °C: **28** Corrected Temp. °C: **28**

Sample Condition: ☒ Cool ☒ Intact ☐ Yes ☐ No

CHECKED BY: (Initials) **ao**

Turnaround Time: **WS# E-2202-GL-21300165**

Thermometer ID #113 **Rush** Bacteria (only) ☐ Sample Condition ☐ Observed Temp. °C ☐ Corrected Temp. °C ☐ No

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

REMARKS:



ANALYSIS REQUEST

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>FTC</u>		BILL TO		ANALYSIS REQUEST									
Project Manager: <u>Cody Welch</u>		P.O. #:											
Address:		Company:											
City:		Attn:											
State:		Address:											
Phone #:		City:											
Fax #:		State:											
Project #:		Zip:											
Project Name: <u>Trunk M</u>		Phone #:											
Project Location: <u>32.396842, -103.211077</u>		Fax #:											
Sampler Name: <u>Cody Welch</u>													
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
<u>H224956</u>													
<u>71</u>		<u>V 18 17'</u>		<u>1</u>									
<u>72</u>		<u>H 29 4'</u>		<u>1</u>									
<u>73</u>		<u>H 29 8'</u>		<u>1</u>									
<u>74</u>		<u>H 29 12'</u>		<u>1</u>									
<u>75</u>		<u>H 29 16'</u>		<u>1</u>									
<u>76</u>		<u>H 30 4'</u>		<u>1</u>									
<u>77</u>		<u>V 19 2'</u>		<u>1</u>									
<u>78</u>		<u>H 32 1'</u>		<u>1</u>									
<u>79</u>		<u>H 32 1'</u>		<u>1</u>									
<u>80</u>		<u>H 33 1'</u>		<u>1</u>									
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>													
Relinquished By:		Date: <u>10-21-22</u>		Received By:		Date: <u>10-20-22</u>		TIME		DATE		TIME	
<u>[Signature]</u>		<u>10:00</u>		<u>[Signature]</u>		<u>10:00</u>		<u>10:00</u>		<u>10:00</u>		<u>10:00</u>	
Relinquished By:		Date:		Received By:		Date:		TIME		DATE		TIME	
<u>[Signature]</u>				<u>[Signature]</u>									
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY:		Turnaround Time:		Standard		Bacteria (only)	
<u>UPS</u>		<u>28</u>		<u>Intact</u>		<u>[Signature]</u>		<u>12-17-22</u>		<u>Standard</u>		<u>Standard</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool		(Initials)		Thermometer ID #113		Rush		Observed Temp. °C	
<u>UPS</u>		<u>22</u>		<u>Yes</u>		<u>VE</u>		<u>113</u>		<u>No</u>		<u>28</u>	
FOR CARDINAL USE ONLY		Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com		Verbal Result:		Add'l Phone #:		Correction Factor -0.5°C		Corrected Temp. °C			
				<u>Yes</u>				<u>0.5</u>		<u>27.5</u>			
				<u>No</u>									
				Remarks:									
				<u>WS # E-22012-66-21300165</u>									



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: LTIC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Sody Walhus		Company:					
Address:		Attn:					
City:		Address:					
Phone #:		State:					
Project #:		City:					
Project Name: Trunk		State:					
Project Location: 32-396842, -103.211677		Phone #:					
Sample Name: Sody Walhus		Fax #:					
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING	
Lab I.D.		(G)RAB OR (C)OMP		DATE		TIME	
Sample I.D.		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					

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Relinquished By: [Signature] Date: 10-21-22 Time: 1900	Received By: [Signature] Date: 10-21-22 Time: 1900
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
REMARKS: WBS# E-227012-6L-21300165	

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.8 Corrected Temp. °C 2.2	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) VO
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>			
Thermometer ID #113 Correction Factor -0.8°C Observed Temp. °C 2.8 Corrected Temp. °C 2.2			



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

November 14, 2022

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: TRUNK 'M'

Enclosed are the results of analyses for samples received by the laboratory on 11/08/22 14:25.

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 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: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: V 23 (H225271-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49	
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51	
Total BTX	<0.300	0.300	11/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	208	16.0	11/09/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	199	99.3	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

Cardinal Laboratories

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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: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: V 24 (H225271-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49		
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51		
Total BTEx	<0.300	0.300	11/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	11/09/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	199	99.3	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: V 25 (H225271-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49		
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51		
Total BTEx	<0.300	0.300	11/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	208	16.0	11/09/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	199	99.3	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: V 26 (H225271-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49	
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51	
Total BTEx	<0.300	0.300	11/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/09/2022	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	11/09/2022	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	199	99.3	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: V 27 (H225271-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49	
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51	
Total BTEx	<0.300	0.300	11/11/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/09/2022	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	11/09/2022	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	199	99.3	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: V 28 (H225271-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49		
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51		
Total BTEx	<0.300	0.300	11/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/09/2022	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	11/09/2022	ND	204	102	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	199	99.3	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: V 29 (H225271-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49		
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51		
Total BTEx	<0.300	0.300	11/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	QM-07
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 73.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.2 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: V 30 (H225271-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49		
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51		
Total BTEx	<0.300	0.300	11/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 79.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.7 % 46.3-178

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Analytical Results For:

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

Received: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: V 31 (H225271-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49		
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51		
Total BTEx	<0.300	0.300	11/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	224	16.0	11/09/2022	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	11/10/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 40 (H225271-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2022	ND	1.95	97.4	2.00	2.49		
Toluene*	<0.050	0.050	11/11/2022	ND	2.15	108	2.00	2.15		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	2.01	100	2.00	2.63		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.04	101	6.00	2.51		
Total BTEx	<0.300	0.300	11/11/2022	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	192	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	55.0	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	20.5	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 41 (H225271-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.95	97.4	2.00	2.49		
Toluene*	<0.050	0.050	11/12/2022	ND	2.15	108	2.00	2.15		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.01	100	2.00	2.63		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.04	101	6.00	2.51		
Total BTEx	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	25.9	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	16.7	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.7 % 46.3-178

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Analytical Results For:

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

Received: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 42 (H225271-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.95	97.4	2.00	2.49		
Toluene*	<0.050	0.050	11/12/2022	ND	2.15	108	2.00	2.15		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.01	100	2.00	2.63		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.04	101	6.00	2.51		
Total BTX	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	20.8	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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Analytical Results For:

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

Received: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 43 (H225271-13)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTX	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	152	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	148	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 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: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H 44 (H225271-14)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	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	176	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	134	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	130	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 72.4 % 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: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H 45 (H225271-15)

BTX 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTX	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85		
DRO >C10-C28*	134	10.0	11/09/2022	ND	189	94.6	200	2.03		
EXT DRO >C28-C36	124	10.0	11/09/2022	ND						

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

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Analytical Results For:

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

Received: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H 46 (H225271-16)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	61.7	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	51.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H 47 (H225271-17)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	31.2	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	18.2	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178

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Analytical Results For:

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

Received: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H 48 (H225271-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	272	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	59.8	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	39.2	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.5 % 46.3-178

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Analytical Results For:

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

Received: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 49 (H225271-19)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5	
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9	
Total BTX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	58.4	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	39.8	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 50 (H225271-20)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5	
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9	
Total BTEX	<0.300	0.300	11/12/2022	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	176	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	44.5	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	33.2	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.2 % 46.3-178

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Analytical Results For:

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

Received: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H 51 (H225271-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	60.5	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	38.9	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 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: 11/08/2022
 Reported: 11/14/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: H 52 (H225271-22)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	192	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 53 (H225271-23)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 46.3-178

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Analytical Results For:

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

Received: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 54 (H225271-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/09/2022	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.7 % 46.3-178

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Analytical Results For:

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

Received: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 55 (H225271-25)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 56 (H225271-26)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5	
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9	
Total BTX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/09/2022	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	11/09/2022	ND	199	99.6	200	2.85	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	189	94.6	200	2.03	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 74.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.8 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 57 (H225271-27)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	11/09/2022	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	11/09/2022	ND	200	100	200	0.699	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	179	89.3	200	0.818	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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: 11/08/2022
Reported: 11/14/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: H 58 (H225271-28)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.64	82.2	2.00	14.5		
Toluene*	<0.050	0.050	11/12/2022	ND	1.70	85.1	2.00	14.8		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	86.1	2.00	12.3		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.27	87.8	6.00	12.9		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	224	16.0	11/09/2022	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	11/09/2022	ND	200	100	200	0.699	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	179	89.3	200	0.818	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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



ANALYSIS REQUEST

Page 31 of 33



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>ETC</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager:		Company:					
Address:		Attn:					
City:		Address:					
Phone #:		City:					
Project #:		State:					
Project Name: <u>Turner M</u>		Phone #:					
Project Location: <u>32.396842, -103.211677</u>		Fax #:					
Sampler Name: <u>Public Annals</u>		PRESERV.		SAMPLING			
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL
<u>H225271</u>							
<u>11</u>	<u>H 41</u>	<u>C</u>	<u>1</u>				
<u>12</u>	<u>H 42</u>						
<u>13</u>	<u>H 43</u>						
<u>14</u>	<u>H 44</u>						
<u>15</u>	<u>H 45</u>						
<u>16</u>	<u>H 46</u>						
<u>17</u>	<u>H 47</u>						
<u>18</u>	<u>H 48</u>						
<u>19</u>	<u>H 49</u>						
<u>20</u>	<u>H 50</u>						
DATE		DATE		TIME			
<u>11/18/21</u>		<u>11/18/21</u>		<u>1325</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1329</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1331</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1333</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1335</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1337</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1339</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1341</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1343</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1345</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1347</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1349</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1351</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1353</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1355</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1357</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1359</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1361</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1363</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1365</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1367</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1369</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1371</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1373</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1375</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1377</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1379</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1381</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1383</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1385</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1387</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1389</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1391</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1393</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1395</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1397</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1399</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1401</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1403</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1405</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1407</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1409</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1411</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1413</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1415</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1417</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1419</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1421</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1423</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1425</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1427</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1429</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1431</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1433</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1435</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1437</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1439</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1441</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1443</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1445</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1447</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1449</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1451</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1453</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1455</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1457</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1459</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1461</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1463</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1465</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1467</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1469</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1471</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1473</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1475</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1477</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1479</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1481</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1483</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1485</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1487</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1489</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1491</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1493</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1495</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1497</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1499</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1501</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1503</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1505</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1507</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1509</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1511</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1513</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1515</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1517</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1519</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1521</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1523</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1525</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1527</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1529</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1531</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1533</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1535</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1537</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1539</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1541</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1543</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1545</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1547</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1549</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1551</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1553</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1555</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1557</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1559</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1561</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1563</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1565</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1567</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1569</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1571</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1573</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1575</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1577</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1579</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1581</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1583</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1585</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1587</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1589</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1591</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1593</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1595</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1597</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1599</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1601</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1603</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1605</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1607</u>			
Time: <u>1405</u>		Time: <u>1325</u>		<u>1609</u>			
Date: <u>11/18/21</u>		Date: <u>11/18/21</u>		<u>1611</u>			
Received By: <u>Juanita Clark</u>		Received By: <u>Juanita Clark</u>		<u>1613</u>			
Relinquished By: <u>AK</u>		Relinquished By: <u>AK</u>		<u>1615</u>			
Time: <u>1405</u>							



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

November 16, 2022

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: TRUNK 'M'

Enclosed are the results of analyses for samples received by the laboratory on 11/15/22 15:40.

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: 11/15/2022
Reported: 11/16/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/15/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 43.1 (H225400-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2022	ND	1.96	98.0	2.00	7.84		
Toluene*	<0.050	0.050	11/16/2022	ND	2.02	101	2.00	6.63		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	1.92	96.0	2.00	7.41		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	5.81	96.9	6.00	7.83		
Total BTEx	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 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	11/16/2022	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	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/15/2022
Reported: 11/16/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/15/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 44.1 (H225400-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2022	ND	1.96	98.0	2.00	7.84		
Toluene*	<0.050	0.050	11/16/2022	ND	2.02	101	2.00	6.63		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	1.92	96.0	2.00	7.41		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	5.81	96.9	6.00	7.83		
Total BTX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/16/2022	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	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 66.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/15/2022
 Reported: 11/16/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 45.1 (H225400-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2022	ND	1.96	98.0	2.00	7.84		
Toluene*	<0.050	0.050	11/16/2022	ND	2.02	101	2.00	6.63		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	1.92	96.0	2.00	7.41		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	5.81	96.9	6.00	7.83		
Total BTX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/16/2022	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	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.5 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/15/2022
 Reported: 11/16/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/15/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 46.1 (H225400-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2022	ND	1.96	98.0	2.00	7.84		
Toluene*	<0.050	0.050	11/16/2022	ND	2.02	101	2.00	6.63		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	1.92	96.0	2.00	7.41		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	5.81	96.9	6.00	7.83		
Total BTEx	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/16/2022	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	11/16/2022	ND	209	105	200	1.12	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	207	103	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

November 22, 2022

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: TRUNK 'M'

Enclosed are the results of analyses for samples received by the laboratory on 11/18/22 14:00.

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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: H 59 (H225464-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.73	86.4	2.00	13.5	
Toluene*	<0.050	0.050	11/22/2022	ND	1.93	96.7	2.00	11.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.80	89.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.38	89.7	6.00	11.5	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	80.0	16.0	11/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 60 (H225464-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.73	86.4	2.00	13.5	
Toluene*	<0.050	0.050	11/22/2022	ND	1.93	96.7	2.00	11.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.80	89.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.38	89.7	6.00	11.5	
Total BTEX	<0.300	0.300	11/22/2022	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	80.0	16.0	11/22/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 77.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.4 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 61 (H225464-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.73	86.4	2.00	13.5	
Toluene*	<0.050	0.050	11/22/2022	ND	1.93	96.7	2.00	11.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.80	89.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.38	89.7	6.00	11.5	
Total BTEX	<0.300	0.300	11/22/2022	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	11/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 71.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.0 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 62 (H225464-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.73	86.4	2.00	13.5	
Toluene*	<0.050	0.050	11/22/2022	ND	1.93	96.7	2.00	11.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.80	89.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.38	89.7	6.00	11.5	
Total BTX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/22/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 73.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.3 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 63 (H225464-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.73	86.4	2.00	13.5	
Toluene*	<0.050	0.050	11/22/2022	ND	1.93	96.7	2.00	11.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.80	89.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.38	89.7	6.00	11.5	
Total BTX	<0.300	0.300	11/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/22/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	11.6	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.8 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 64 (H225464-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.73	86.4	2.00	13.5	
Toluene*	<0.050	0.050	11/22/2022	ND	1.93	96.7	2.00	11.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.80	89.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.38	89.7	6.00	11.5	
Total BTX	<0.300	0.300	11/22/2022	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	112	16.0	11/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.8 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: H 65 (H225464-07)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.73	86.4	2.00	13.5	
Toluene*	<0.050	0.050	11/22/2022	ND	1.93	96.7	2.00	11.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.80	89.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.38	89.7	6.00	11.5	
Total BTX	<0.300	0.300	11/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/22/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.6 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 66 (H225464-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2022	ND	1.73	86.4	2.00	13.5		
Toluene*	<0.050	0.050	11/22/2022	ND	1.93	96.7	2.00	11.6		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.80	89.8	2.00	11.9		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.38	89.7	6.00	11.5		
Total BTEx	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	128	16.0	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 72.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.7 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 67 (H225464-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2022	ND	1.73	86.4	2.00	13.5		
Toluene*	<0.050	0.050	11/22/2022	ND	1.93	96.7	2.00	11.6		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.80	89.8	2.00	11.9		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.38	89.7	6.00	11.5		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 73.2 % 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 68 (H225464-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2022	ND	1.99	99.7	2.00	2.83		
Toluene*	<0.050	0.050	11/21/2022	ND	2.13	107	2.00	4.65		
Ethylbenzene*	<0.050	0.050	11/21/2022	ND	1.98	99.0	2.00	3.53		
Total Xylenes*	<0.150	0.150	11/21/2022	ND	5.99	99.9	6.00	3.74		
Total BTEx	<0.300	0.300	11/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	36.4	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.7 % 46.3-178

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 69 (H225464-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2022	ND	1.99	99.7	2.00	2.83	
Toluene*	<0.050	0.050	11/21/2022	ND	2.13	107	2.00	4.65	
Ethylbenzene*	<0.050	0.050	11/21/2022	ND	1.98	99.0	2.00	3.53	
Total Xylenes*	<0.150	0.150	11/21/2022	ND	5.99	99.9	6.00	3.74	
Total BTEx	<0.300	0.300	11/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	21.3	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 76.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.4 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 70 (H225464-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2022	ND	1.99	99.7	2.00	2.83	
Toluene*	<0.050	0.050	11/21/2022	ND	2.13	107	2.00	4.65	
Ethylbenzene*	<0.050	0.050	11/21/2022	ND	1.98	99.0	2.00	3.53	
Total Xylenes*	<0.150	0.150	11/21/2022	ND	5.99	99.9	6.00	3.74	
Total BTEx	<0.300	0.300	11/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 73.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.3 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 71 (H225464-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2022	ND	1.99	99.7	2.00	2.83	
Toluene*	<0.050	0.050	11/21/2022	ND	2.13	107	2.00	4.65	
Ethylbenzene*	<0.050	0.050	11/21/2022	ND	1.98	99.0	2.00	3.53	
Total Xylenes*	<0.150	0.150	11/21/2022	ND	5.99	99.9	6.00	3.74	
Total BTEx	<0.300	0.300	11/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	12.8	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 72 (H225464-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2022	ND	1.99	99.7	2.00	2.83		
Toluene*	<0.050	0.050	11/21/2022	ND	2.13	107	2.00	4.65		
Ethylbenzene*	<0.050	0.050	11/21/2022	ND	1.98	99.0	2.00	3.53		
Total Xylenes*	<0.150	0.150	11/21/2022	ND	5.99	99.9	6.00	3.74		
Total BTEx	<0.300	0.300	11/21/2022	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	80.0	16.0	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 73 (H225464-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2022	ND	1.99	99.7	2.00	2.83		
Toluene*	<0.050	0.050	11/21/2022	ND	2.13	107	2.00	4.65		
Ethylbenzene*	<0.050	0.050	11/21/2022	ND	1.98	99.0	2.00	3.53		
Total Xylenes*	<0.150	0.150	11/21/2022	ND	5.99	99.9	6.00	3.74		
Total BTEx	<0.300	0.300	11/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	529	16.0	11/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	218	10.0	11/21/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	61.7	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 73.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: H 74 (H225464-16)

BTX 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92		
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44		
Total BTX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 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	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.5 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 75 (H225464-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.2 % 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	96.0	16.0	11/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.1 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: H 76 (H225464-18)

BTX 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92		
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44		
Total BTX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 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	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.0 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 77 (H225464-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEx	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	192	96.0	200	0.902	
DRO >C10-C28*	17.9	10.0	11/22/2022	ND	196	98.0	200	0.514	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.3 % 46.3-178

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 78 (H225464-20)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.2 % 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	80.0	16.0	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.2 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 79 (H225464-21)

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 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	176	16.0	11/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.6 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 80 (H225464-22)

BTEx 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92		
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 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	96.0	16.0	11/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	13.5	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 81 (H225464-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 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	224	16.0	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	12.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.1 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 82 (H225464-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 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	112	16.0	11/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 99.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.5 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 83 (H225464-25)

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 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	192	16.0	11/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	10.2	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.0 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 84 (H225464-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEx	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 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	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.7 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: H 85 (H225464-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEx	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 86 (H225464-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	11/22/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	21.5	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 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: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: H 87 (H225464-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92		
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44		
Total BTEx	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 88 (H225464-30)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEx	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/22/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	17.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: H 89 (H225464-31)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 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	176	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	17.1	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 90 (H225464-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEx	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H 91 (H225464-33)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEx	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 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: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: V 32 (H225464-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 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	224	16.0	11/22/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	28.5	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 33 (H225464-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.07	103	2.00	9.92	
Toluene*	<0.050	0.050	11/22/2022	ND	2.16	108	2.00	10.2	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.10	105	2.00	9.93	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.32	105	6.00	8.44	
Total BTEx	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 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	192	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	14.7	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Mike Snyder For 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: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: V 34 (H225464-36)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	20.4	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.2 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 35 (H225464-37)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTEx	<0.300	0.300	11/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 36 (H225464-38)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 37 (H225464-39)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1		
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1		
Total BTEx	<0.300	0.300	11/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	238	119	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	240	120	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 107 % 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 38 (H225464-40)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.9 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 39 (H225464-41)

BTEX 8021B			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1		
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 105 % 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: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: V 40 (H225464-42)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	10.1	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.7 % 46.3-178

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Analytical Results For:

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

Received: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 41 (H225464-43)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 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	128	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 42 (H225464-44)

BTEX 8021B			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1		
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	11/22/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.5 % 46.3-178

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Mike Snyder For 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: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: V 43 (H225464-45)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	10.1	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 44 (H225464-46)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 45 (H225464-47)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	176	16.0	11/22/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	18.4	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 46 (H225464-48)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTX	<0.300	0.300	11/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	20.8	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/22/2022
 Project Name: TRUNK 'M'
 Project Number: 32.396842,-103.211077
 Project Location: LEA CO. NM

Sampling Date: 11/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V 47 (H225464-49)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	80.0	16.0	11/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	<10.0	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Mike Snyder For 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: 11/18/2022
Reported: 11/22/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/18/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: V 48 (H225464-50)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.03	101	2.00	15.1	
Toluene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.9	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.06	103	2.00	15.8	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.36	106	6.00	17.1	
Total BTEX	<0.300	0.300	11/22/2022	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	160	16.0	11/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2022	ND	212	106	200	4.76	
DRO >C10-C28*	11.3	10.0	11/21/2022	ND	195	97.3	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	11/21/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.4 % 46.3-178

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: GT		P.O. #:		BILL TO				ANALYSIS REQUEST			
Project Manager:		Company:									
Address:		Attn:									
City:		Address:									
Phone #:		Fax #:									
Project #:		Project Owner:									
Project Name: Grub h		City:									
Project Location: 32396842, -103, 211077		State:									
Sampler Name: Rob, x		Phone #:									
FOR LAB USE ONLY		Fax #:									
Lab I.D. 10254104		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER	
H 59		H 60		H 61		H 62		H 63		H 64	
H 65		H 66		H 67		H 68		H 69		H 70	
H 71		H 72		H 73		H 74		H 75		H 76	
H 77		H 78		H 79		H 80		H 81		H 82	
H 83		H 84		H 85		H 86		H 87		H 88	
H 89		H 90		H 91		H 92		H 93		H 94	
H 95		H 96		H 97		H 98		H 99		H 100	
H 101		H 102		H 103		H 104		H 105		H 106	
H 107		H 108		H 109		H 110		H 111		H 112	
H 113		H 114		H 115		H 116		H 117		H 118	
H 119		H 120		H 121		H 122		H 123		H 124	
H 125		H 126		H 127		H 128		H 129		H 130	
H 131		H 132		H 133		H 134		H 135		H 136	
H 137		H 138		H 139		H 140		H 141		H 142	
H 143		H 144		H 145		H 146		H 147		H 148	
H 149		H 150		H 151		H 152		H 153		H 154	
H 155		H 156		H 157		H 158		H 159		H 160	
H 161		H 162		H 163		H 164		H 165		H 166	
H 167		H 168		H 169		H 170		H 171		H 172	
H 173		H 174		H 175		H 176		H 177		H 178	
H 179		H 180		H 181		H 182		H 183		H 184	
H 185		H 186		H 187		H 188		H 189		H 190	
H 191		H 192		H 193		H 194		H 195		H 196	
H 197		H 198		H 199		H 200		H 201		H 202	
H 203		H 204		H 205		H 206		H 207		H 208	
H 209		H 210		H 211		H 212		H 213		H 214	
H 215		H 216		H 217		H 218		H 219		H 220	
H 221		H 222		H 223		H 224		H 225		H 226	
H 227		H 228		H 229		H 230		H 231		H 232	
H 233		H 234		H 235		H 236		H 237		H 238	
H 239		H 240		H 241		H 242		H 243		H 244	
H 245		H 246		H 247		H 248		H 249		H 250	
H 251		H 252		H 253		H 254		H 255		H 256	
H 257		H 258		H 259		H 260		H 261		H 262	
H 263		H 264		H 265		H 266		H 267		H 268	
H 269		H 270		H 271		H 272		H 273		H 274	
H 275		H 276		H 277		H 278		H 279		H 280	
H 281		H 282		H 283		H 284		H 285		H 286	
H 287		H 288		H 289		H 290		H 291		H 292	
H 293		H 294		H 295		H 296		H 297		H 298	
H 299		H 300		H 301		H 302		H 303		H 304	
H 305		H 306		H 307		H 308		H 309		H 310	
H 311		H 312		H 313		H 314		H 315		H 316	
H 317		H 318		H 319		H 320		H 321		H 322	
H 323		H 324		H 325		H 326		H 327		H 328	
H 329		H 330		H 331		H 332		H 333		H 334	
H 335		H 336		H 337		H 338		H 339		H 340	
H 341		H 342		H 343		H 344		H 345		H 346	
H 347		H 348		H 349		H 350		H 351		H 352	
H 353		H 354		H 355		H 356		H 357		H 358	
H 359		H 360		H 361		H 362		H 363		H 364	
H 365		H 366		H 367		H 368		H 369		H 370	
H 371		H 372		H 373		H 374		H 375		H 376	
H 377		H 378		H 379		H 380		H 381		H 382	
H 383		H 384		H 385		H 386		H 387		H 388	
H 389		H 390		H 391		H 392		H 393		H 394	
H 395		H 396		H 397		H 398		H 399		H 400	
H 401		H 402		H 403		H 404		H 405		H 406	
H 407		H 408		H 409		H 410		H 411		H 412	
H 413		H 414		H 415		H 416		H 417		H 418	
H 419		H 420		H 421		H 422		H 423		H 424	
H 425		H 426		H 427		H 428		H 429		H 430	
H 431		H 432		H 433		H 434		H 435		H 436	
H 437		H 438		H 439		H 440		H 441		H 442	
H 443		H 444		H 445		H 446		H 447		H 448	
H 449		H 450		H 451		H 452		H 453		H 454	
H 455		H 456		H 457		H 458		H 459		H 460	
H 461		H 462		H 463		H 464		H 465		H 466	
H 467		H 468		H 469		H 470		H 471		H 472	
H 473		H 474		H 475		H 476		H 477		H 478	
H 479		H 480		H 481		H 482		H 483		H 484	
H 485		H 486		H 487		H 488		H 489		H 490	
H 491		H 492		H 493		H 494		H 495		H 496	
H 497		H 498		H 499		H 500		H 501		H 502	
H 503		H 504		H 505		H 506		H 507		H 508	
H 509		H 510		H 511		H 512		H 513		H 514	
H 515		H 516		H 517		H 518		H 519		H 520	
H 521		H 522		H 523		H 524		H 525		H 526	
H 527		H 528		H 529		H 530		H 531		H 532	
H 533		H 534		H 535		H 536		H 537		H 538	
H 539		H 540		H 541		H 542		H 543		H 544	
H 545		H 546		H 547		H 548		H 549		H 550	
H 551		H 552		H 553		H 554		H 555		H 556	
H 557		H 558		H 559		H 560		H 561		H 562	
H 563		H 564		H 565		H 566		H 567		H 568	
H 569		H 570		H 571		H 572		H 573		H 574	
H 575		H 576		H 577		H 578		H 579		H 580	
H 581		H 582		H 583		H 584		H 585		H 586	
H 587		H 588		H 589		H 590		H 591		H 592	
H 593		H 594		H 595		H 596		H 597		H 598	
H 599		H 600		H 601		H 602		H 603		H 604	
H 605		H 606		H 607		H 608		H 609		H 610	
H 611		H 612		H 613		H 614		H 615		H 616	
H 617		H 618		H 619		H 620		H 621		H 622	
H 623		H 624		H 625		H 626		H 627		H 628	
H 629		H 630		H 631		H 632		H 633		H 634	
H 635		H 636		H 637		H 638		H 639		H 640	
H 641		H 642		H 643		H 644		H 645		H 646	
H 647		H 648		H 649		H 650		H 651		H 652	
H 653		H 654		H 655		H 656		H 657		H 658	
H 659		H 660		H 661		H 662		H 663		H 664	
H 665		H 666		H 667		H 668		H 669		H 670	
H 671		H 672		H 673		H 674		H 675		H 676	
H 677		H 678		H 679		H 680		H 681		H 682	
H 683		H 684		H 685		H 686		H 687		H 688	
H 689		H 690		H 691		H 692		H 693		H 694	
H 695		H 696		H 697		H 698		H 699		H 700	
H 701		H 702		H 703		H 704		H 705		H 706	
H 707		H 708		H 709		H 710		H 711		H 712	
H 713		H 714		H 715		H 716		H 717		H 718	
H 719		H 720		H 721		H 722		H 723		H 724	
H 725		H 726		H 727		H 728		H 729		H 730	
H 731		H 732		H 733		H 734		H 735		H 736	
H 737		H 738		H 739		H 740		H 741		H 742	
H 743		H 744		H 745		H 746		H 747		H 748	
H 749		H 750		H 751		H 752		H 753		H 754	
H 755		H 756		H 757		H 758		H 759		H 760	
H 761		H 762		H 763		H 764		H 765		H 766	
H 767		H 768		H 769		H 770		H 771		H 772	
H 773		H 774		H 775		H 776		H 777		H 778	
H 779		H 780		H 781		H 782		H 783		H 784	
H 785		H 786		H 787		H 788		H 789		H 790	
H 791		H 792		H 793		H 794		H 795		H 796	
H 797		H 798		H 799		H 800		H 801		H 802	
H 803		H 804		H 805		H 806		H 807		H 808	
H 809		H 810		H 811		H 812		H 813		H 814	
H 815		H 816		H 817		H					

**BILL TO**

ANALYSIS REQUEST

Released to Imaging: 1/12/2023 10:43:35 AM



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>ETC</u>				BILL TO				ANALYSIS REQUEST			
Project Manager:				P.O. #:							
Address:				Company:							
City:				Attn:							
State:				Address:							
Phone #:				City:							
Fax #:				State:							
Project #:				Zip:							
Project Name: <u>Trunk n</u>											
Project Location: <u>32.396842, -103.21077</u>											
Sampler Name: <u>Public Runnels</u>											
FOR LAB USE ONLY											

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	SAMPLING
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
423544												
21	H 79	C	1			X				11/18/24	8748	X
22	H 80										0742	X
23	H 81										0744	X
24	H 82										0746	
25	H 83										0748	
26	H 84										0750	
27	H 85										0752	
28	H 86										0754	
29	H 87										0756	
30	H 88										0758	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>[Signature]</u>		Received By: <u>[Signature]</u>	
Time: <u>11/18/24</u>		Time: <u>1400</u>	
Date: <u>11/18/24</u>		Date: <u>11/18/24</u>	
Relinquished By:		Received By:	

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <u>1.2c</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) <u>[Signature]</u>
Turnaround Time:	Corrected Temp. °C <u>0.0c</u>	Thermometer ID #113 Correction Factor -0.6°C	REMARKS: <u>WBS # 4 22012-62-21380165</u>

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>CTC</u>		P.O. #:		BILL TO								ANALYSIS REQUEST							
Project Manager:		Company:																	
Address:		Attn:																	
City:		Address:																	
Phone #:		State:																	
Fax #:		City:																	
Project #:		State:																	
Project Name: <u>Tunka N</u>		Zip:																	
Project Location: <u>32,396842, -103.211077</u>		Phone #:																	
Sampler Name: <u>Fabrice Ruhnelt</u>		Fax #:																	

FOR LAB USE ONLY		PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS
31	H 69		1	GROUNDWATER	11/18/22	0800	X	+	+											
33	H 4D			WASTEWATER																
34	H 41			SOIL																
35	V 32			OIL																
36	V 33			SLUDGE																
37	V 34			OTHER :																
38	V 35			ACID/BASE:																
39	V 36			ICE / COOL																
40	V 37			OTHER :																
	V 38																			
	V 39																			
	V 40																			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Alana Spodick</u>	Date: <u>11/18/22</u>	Received By: <u>Alana Spodick</u>	Date: <u>11/18/22</u>
Relinquished By: <u>Alana Spodick</u>	Date: <u>11/18/22</u>	Received By: <u>Alana Spodick</u>	Date: <u>11/18/22</u>

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact	
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

Turnaround Time: Standard ☒ Rush ☐ Bacteria (only) ☐ Sample Condition ☐ Cool Intact ☐ Observed Temp. °C ☐ Corrected Temp. °C

Thermometer ID #113 Correction Factor -0.5°C

REMARKS: 655 # 22012-GL-21306165

Verbal Result: ☐ Yes ☐ No Add'l Phone #: 22012-GL-21306165

All Results are emailed. Please provide Email address:



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: CTC		BILL TO		ANALYSIS REQUEST									
Project Manager:		P.O. #:											
Address:		Company:											
City:		Attn:											
Phone #:		Address:											
Fax #:		City:											
Project #:		State:											
Project Owner:		Zip:											
Project Name: Trunkline		State:											
Project Location: 32.396842, -103.21077		Phone #:											
Sampler Name: Hobbs Ranch		Fax #:											
<small>FOR LAB USE ONLY</small>													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
41		V 39		✓		1		✓		DATE		TIME	
42		V 40								10/12/20		0935	
43		V 41								10/12/20		0940	
44		V 42								10/12/20		0945	
45		V 43								10/12/20		0950	
46		V 44								10/12/20		0955	
47		V 45								10/12/20		1000	
48		V 46								10/12/20		1005	
49		V 47								10/12/20		1010	
50		V 48								10/12/20		1015	
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>													
Relinquished By:		Date: 11/11/22		Received By: S. Rodriguez		Date: 11/11/22		Time: 1:00 PM		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date:		Received By:		Date:		Time:		All Results are emailed. Please provide Email address:			
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)		Thermometer ID #113		Standard		Bacteria (only)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact				Correction Factor -0.5°C		Rush		Sample Condition	
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						Yes <input type="checkbox"/> No <input type="checkbox"/>		Observed Temp. °C	
				Yes <input type="checkbox"/> No <input type="checkbox"/>						Yes <input type="checkbox"/> No <input type="checkbox"/>		Corrected Temp. °C	
REMARKS: UBS # 22012-62-21300165													

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



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

November 30, 2022

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: TRUNK 'M'

Enclosed are the results of analyses for samples received by the laboratory on 11/23/22 12:50.

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: 11/23/2022
Reported: 11/30/2022
Project Name: TRUNK 'M'
Project Number: 32.396842,-103.211077
Project Location: LEA CO. NM

Sampling Date: 11/23/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H 73.1 (H225556-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	11/23/2022	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	11/28/2022	ND	205	103	200	4.26	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	208	104	200	3.88	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

[illegible]

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

APPENDIX – C

Photo Documentation

Trunk-M
32.396842
-103.211077
3/25/22



Trunk-M
32.396842
-103.211077
3/25/22



Trunk-M

32.396842

-103.211077

3/25/22



Trunk-M
32.396842
-103.211077
3/25/22



Trunk-M

32.396842

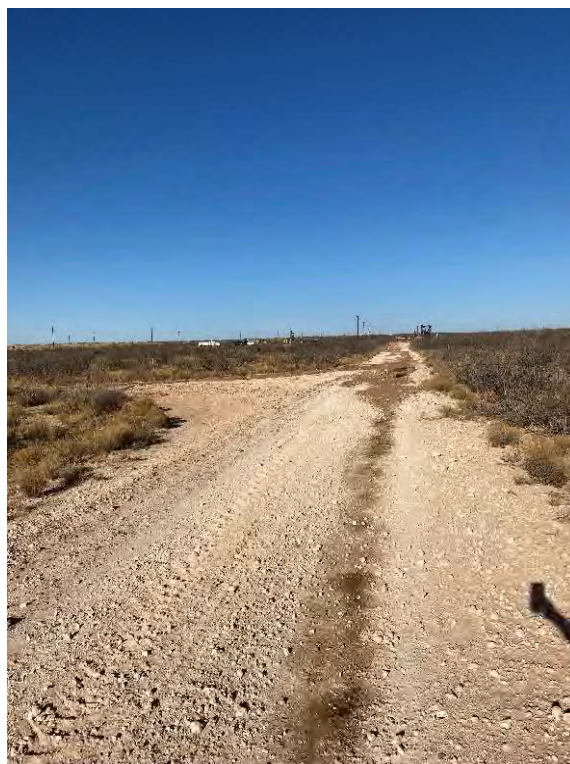
-103.211077

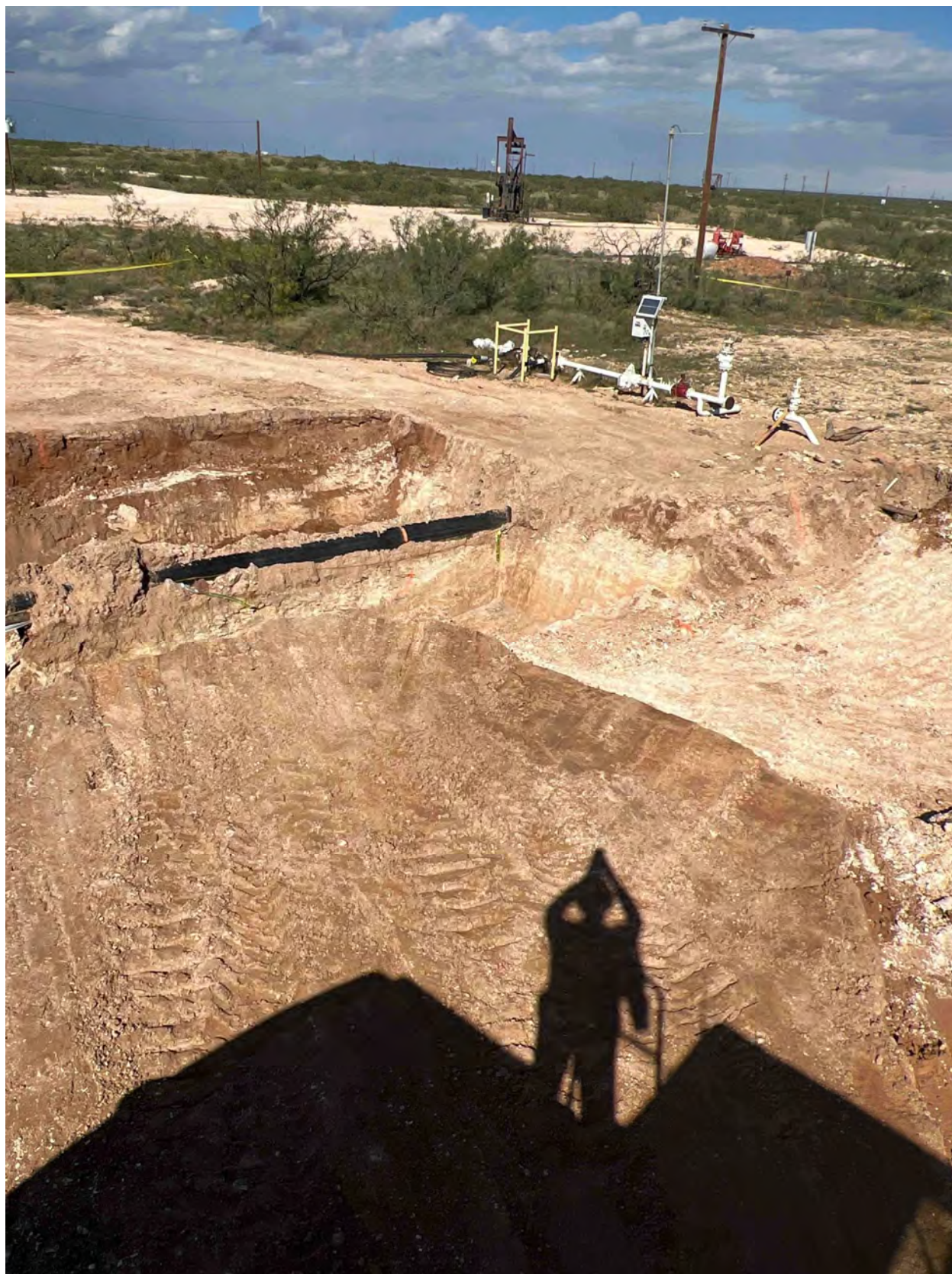
3/25/22





Trunk M Pipeline – Initial Release (Facing north)

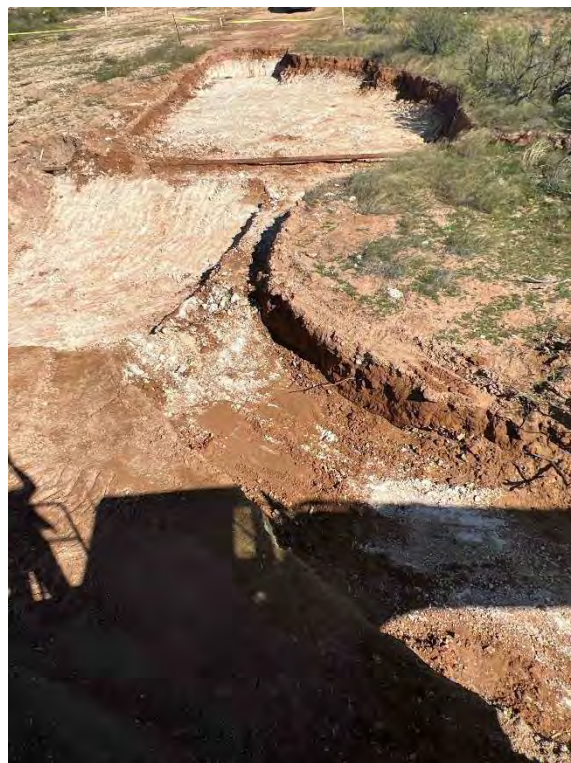




Trunk M Pipeline – Initial Release (Facing east)



Trunk M Pipeline – Excavation (Facing northeast)



Trunk M – Excavation (Facing north)



Trunk M – Excavation (Facing south)



Trunk M – Excavation (Facing north)



Trunk M – Excavating (Facing east)



Trunk M – Excavating (Facing north)



Trunk M Pipeline – Backfilled (Facing east)



Trunk M Pipeline – Backfilled (Facing north)



Trunk M Pipeline – Backfilled (Facing southwest)



Trunk M Pipeline – Backfilled (Facing north)

APPENDIX - D

Correspondence

From: [Jody Walters](#)
To: [Robert Runnels](#)
Subject: Fwd: [EXTERNAL] RE: ID (n#) APP2209040079 - Trunk M Remediation Sampling Event
Date: Friday, December 2, 2022 7:54:53 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)

Get [Outlook for iOS](#)

From: Ericson, Dean <Dean.Ericson@energyTransfer.com>
Sent: Thursday, November 3, 2022 2:31:36 PM
To: Jody Walters <jwalters@blackstarenergyservices.com>
Subject: FW: [EXTERNAL] RE: ID (n#) APP2209040079 - Trunk M Remediation Sampling Event

FYI - 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.

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Thursday, November 3, 2022 3:28 PM
To: Ericson, Dean <Dean.Ericson@energyTransfer.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: ID (n#) nAPP2209040079 - Trunk M Remediation Sampling Event

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: Thursday, November 3, 2022 11:59 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Cc: Hummel, Larry <Larry.Hummel@energytransfer.com>; Boultinghouse, Stacy <Stacy.Boultinghouse@energytransfer.com>; Miro, Alena M. <alena.miro@energytransfer.com>; Jody Walters <jwalters@blackstarenergyservices.com>
Subject: [EXTERNAL] RE: ID (n#) nAPP2209040079 - Trunk M Remediation Sampling Event

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Jennifer,

ETC will be ready to collected vertical and horizontal samples in Release Area 2 (*see attached diagram*) of the Trunk M remediation, Lea County (32.396842 -103.211077) Tuesday Nov. 8th. Please advised 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: Ericson, Dean

Sent: Tuesday, October 18, 2022 3:28 PM

To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>

Cc: Hummel, Larry <Larry.Hummel@energytransfer.com>; Boultinghouse, Stacy <Stacy.Boultinghouse@energytransfer.com>; Miro, Alena M. <alena.miro@energytransfer.com>; Jody Walters <jwalters@blackstarenergyservices.com>

Subject: ID (n#) nAPP2209040079 - Trunk M Remediation Sampling Event

Jennifer,

ETC will be ready to collected vertical and horizontal samples in Release Area 1 (*see attached diagram*) of the Trunk M remediation, Lea County (32.396842 -103.211077) this Thursday. Please advised 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: Blackaller, Carolyn J <Carolyn.Blackaller@energyTransfer.com>
Sent: Friday, May 27, 2022 12:15 PM
To: Ericson, Dean <Dean.Ericson@energyTransfer.com>
Subject: FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 107419

FYI

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, May 27, 2022 11:37 AM
To: Blackaller, Carolyn J <Carolyn.Blackaller@energyTransfer.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 107419

To whom it may concern (c/o Carolyn Blackaller for ETC Texas Pipeline, Ltd.),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2209040079, with the following conditions:

- **Remediation Plan Approved.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-476-3441
Jennifer.Nobui@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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From: [Jody Walters](#)
To: [Robert Runnels](#)
Subject: Fwd: [EXTERNAL] RE: ID (n#) nAPP2209040079 - Trunk M Remediation Sampling Event
Date: Thursday, December 8, 2022 8:31:35 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)

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From: Ericson, Dean <Dean.Ericson@energyTransfer.com>
Sent: Thursday, November 17, 2022 2:57:18 AM
To: Jody Walters <jwalters@blackstarenergyservices.com>
Subject: FW: [EXTERNAL] RE: ID (n#) nAPP2209040079 - Trunk M Remediation Sampling Event

FYI - 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.

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Wednesday, November 16, 2022 9:21 AM
To: Ericson, Dean <Dean.Ericson@energyTransfer.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: ID (n#) nAPP2209040079 - Trunk M Remediation Sampling Event

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: Wednesday, November 16, 2022 5:33 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Cc: Hummel, Larry <Larry.Hummel@energytransfer.com>; Boultinghouse, Stacy <Stacy.Boultinghouse@energytransfer.com>; Miro, Alena M. <alena.miro@energytransfer.com>; Jody Walters <jwalters@blackstarenergyservices.com>
Subject: [EXTERNAL] RE: ID (n#) nAPP2209040079 - Trunk M Remediation Sampling Event

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on

links or opening attachments.

Jennifer,

ETC will be ready to collected vertical and horizontal samples in Release Area 3 (*see attached map*) of the Trunk M remediation, Lea County (32.396842 -103.211077) Tuesday Nov. 18th. Please advised 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: Ericson, Dean

Sent: Thursday, November 3, 2022 12:59 PM

To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>

Cc: Hummel, Larry <Larry.Hummel@energytransfer.com>; Boultinghouse, Stacy <Stacy.Boultinghouse@energytransfer.com>; Miro, Alena M. <alena.miro@energytransfer.com>; Jody Walters <jwalters@blackstarenergyservices.com>

Subject: RE: ID (n#) nAPP2209040079 - Trunk M Remediation Sampling Event

Jennifer,

ETC will be ready to collected vertical and horizontal samples in Release Area 2 (*see attached diagram*) of the Trunk M remediation, Lea County (32.396842 -103.211077) Tuesday Nov. 8th. Please advised 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: Ericson, Dean
Sent: Tuesday, October 18, 2022 3:28 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Hummel, Larry <Larry.Hummel@energytransfer.com>; Boultinghouse, Stacy <Stacy.Boultinghouse@energytransfer.com>; Miro, Alena M. <alena.miro@energytransfer.com>; Jody Walters <jwalters@blackstarenergyservices.com>
Subject: ID (n#) nAPP2209040079 - Trunk M Remediation Sampling Event

Jennifer,

ETC will be ready to collected vertical and horizontal samples in Release Area 1 (*see attached diagram*) of the Trunk M remediation, Lea County (32.396842 -103.211077) this Thursday. Please advised 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: Blackaller, Carolyn J <Carolyn.Blackaller@energyTransfer.com>
Sent: Friday, May 27, 2022 12:15 PM
To: Ericson, Dean <Dean.Ericson@energyTransfer.com>
Subject: FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 107419

FYI

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, May 27, 2022 11:37 AM
To: Blackaller, Carolyn J <Carolyn.Blackaller@energyTransfer.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 107419

To whom it may concern (c/o Carolyn Blackaller for ETC Texas Pipeline, Ltd.),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2209040079, with the following conditions:

- **Remediation Plan Approved.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-476-3441
Jennifer.Nobui@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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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 167333

CONDITIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 167333
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	1/12/2023