

Liquid Spill			
Enter Numbers Only		<input type="checkbox"/> Secondary Containment with Liner	
Length of Spill Area (ft):	80.0	Est. Liquid Vol. (bbls):	3.70590
Width of Spill Area (ft):	85.0	Porosity Factor (soil type):	Sandstone
Depth of Spill Area (ft):	1.0	Vol. of Oil Released (bbls):	3.70590
% Oil in Liquid:	20.0	Vol. of Water Released (bbls):	14.82362
Amount Recovd. (bbls):	0.0	Impacted Soil Vol (ft3):	21.407

1.0 PROJECT INFORMATION

Location of Release Source

Latitude: 32.205759 Longitude: -103.1702243
Provided GPS are in WGS84 format.

Site Name: 4A-5	Site Type: Pipeline
Date Release Discovered:	API # (if applicable):

Unit Letter	Section	Township	Range	County
C	21	24S	37E	Lea

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

Nature and Volume of Release

<input type="checkbox"/> Crude Oil	Volume Released (bbl.)	Volume Recovered (bbl.)
<input type="checkbox"/> Produced Water	Volume Released (bbl.)	Volume Recovered (bbl.)
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbl.)	Volume Recovered (bbl.)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released	Volume/Weight Recovered
Cause of Release:		

Initial Response

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices

☒ All free liquids and recoverable materials have been removed and managed appropriately.

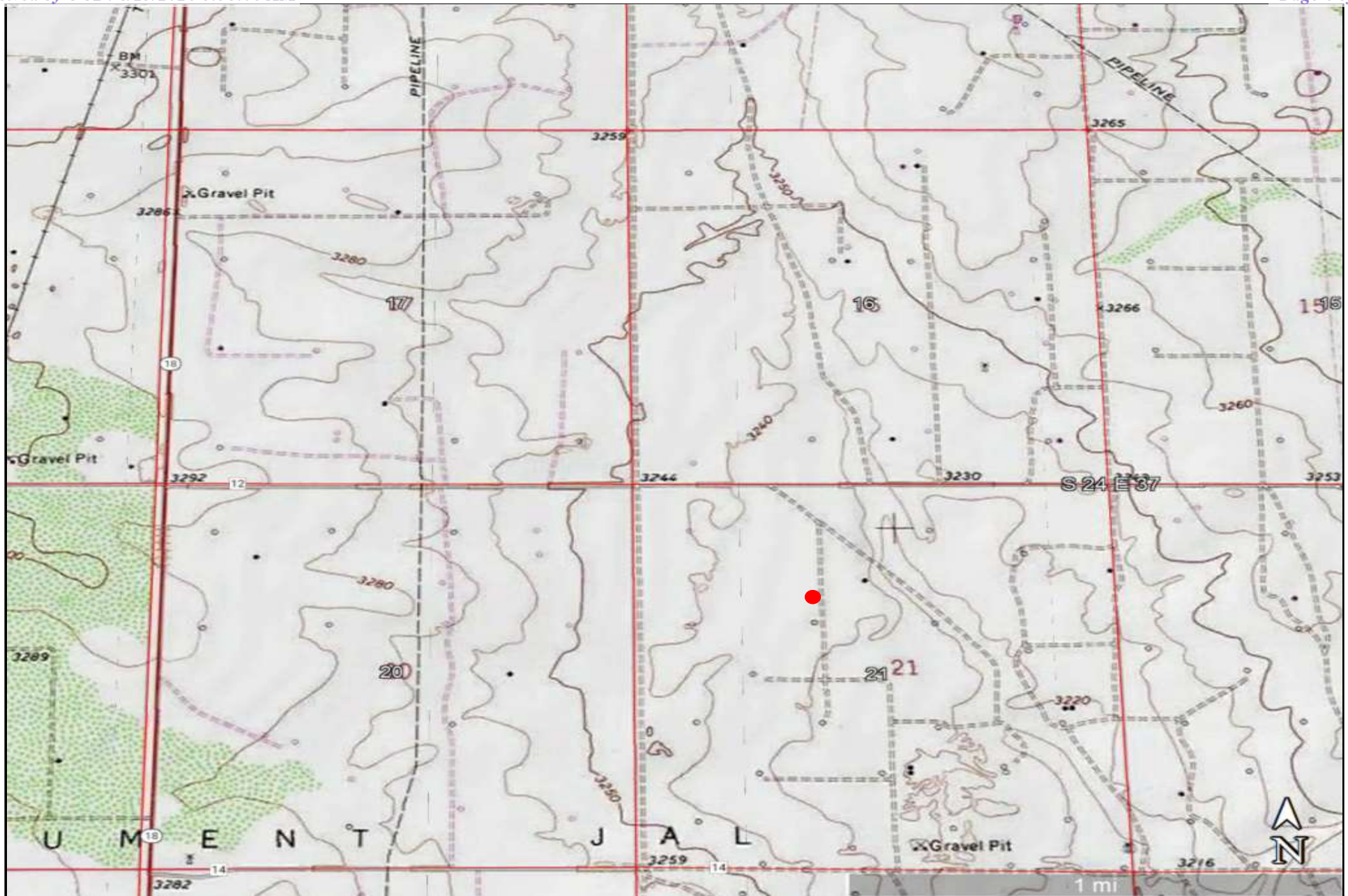
Table 1

What is the shallowest depth to groundwater beneath the area affected by the release?	<div>>100</div>			
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	>5 Miles	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	>5 Miles	
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	>5 Miles	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	>5 Miles	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	> 5 Miles	
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	> 5 Miles	
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	> 5 Miles	
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	> 5 Miles	
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	> 5 Miles	
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	> 5 Miles	
Did the release impact areas not on an exploration, development, production or storage site?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		

CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site is as follows:

Closure Criteria for Soil Impacted by a Release			
Probable Depth to Groundwater	Constituent	Method	Limit
<50'	Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
	DRO + GRO	EPA SW-846 Method 8015M	N/A mg/kg
	BTEX	EPA SW-846 Methods 8021b or 8260b	50 mg/kg
	Benzene	EPA SW-846 Methods 8021b or 8260b	10 mg/kg



Legend

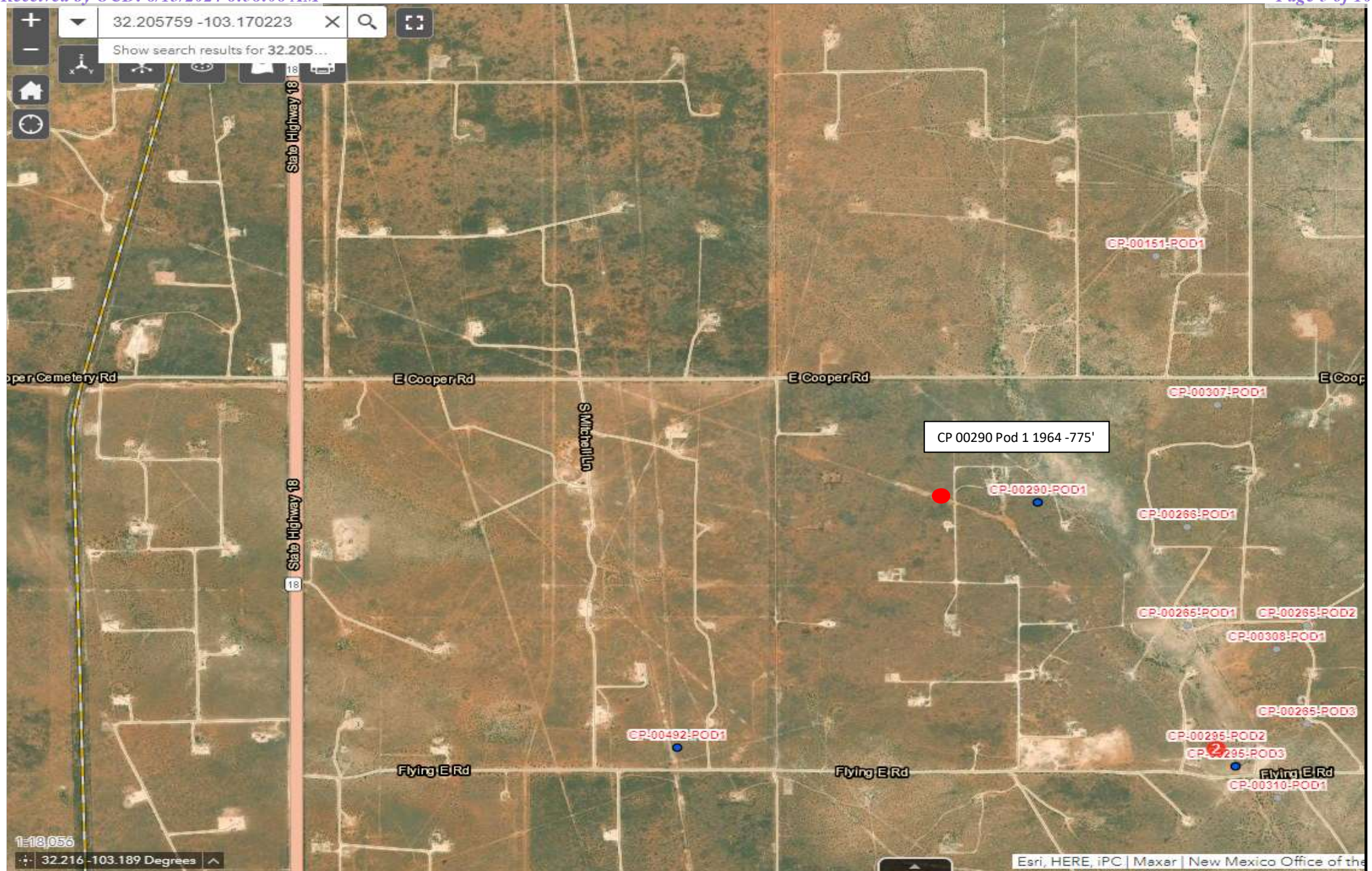
Location



Topography Map

ETC Texas Pipeline, Ltd.
4A-5
32.205759 -103.1702243





Legend:

OSE POD Locations Map

- 4A-5
- OSE Water Well

ETC Texas Pipeline, Ltd.
4A-5
32.205759 -103.1702243
Lea County



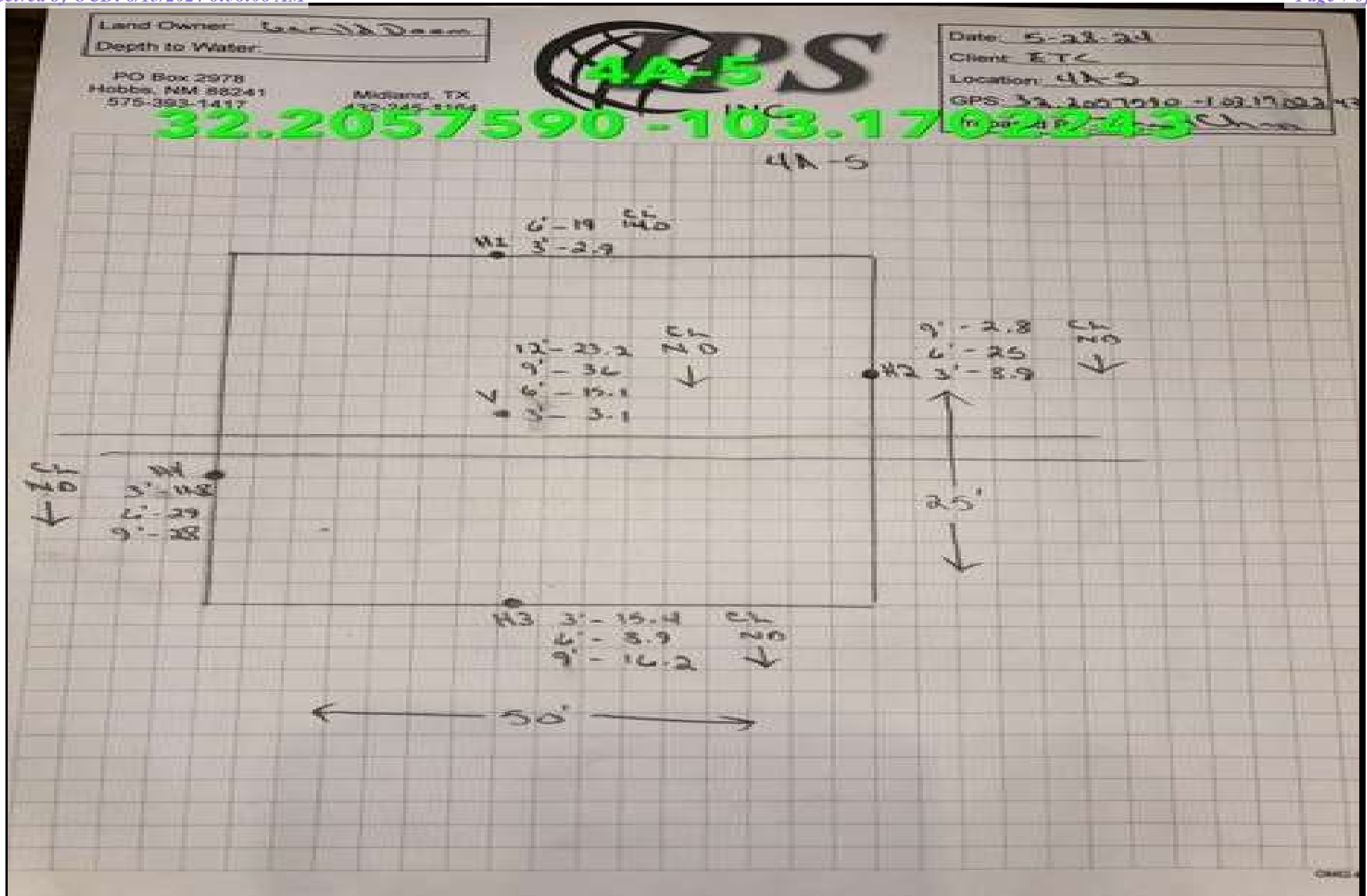
**Legend:**

- USGS Well Locations
- Location

USGS Well Locations Map

ETC Texas Pipeline, Ltd.
4A-5
32.205759 -103.1702243
Lea County





Legend:

Delineation Sample Location Map



Delineation Sample Location Map

ETC Texas Pipeline, Ltd.

4A-5

32.205759 -103.1702243

Lea County New Mexico





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

June 03, 2024

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 4A-5

Enclosed are the results of analyses for samples received by the laboratory on 05/28/24 15:04.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: V - 3' (H242952-01)

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	05/30/2024	ND	1.83	91.7	2.00	2.95	
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82	
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62	
Total BTEx	<0.300	0.300	05/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: V - 6' (H242952-02)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: V - 9' (H242952-03)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: V - 12' (H242952-04)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 52.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
 Reported: 06/03/2024
 Project Name: 4A-5
 Project Number: 32.2057590 -103.1702243
 Project Location: NOT GIVEN

Sampling Date: 05/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H 1 - 3' (H242952-05)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 1 - 6' (H242952-06)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 2 - 3' (H242952-07)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 2 - 6' (H242952-08)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	27.9	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 2 - 9' (H242952-09)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 3 - 3' (H242952-10)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 3 - 6' (H242952-11)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 3 - 9' (H242952-12)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 4 - 3' (H242952-13)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 4 - 6' (H242952-14)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/31/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	30.2	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 4 - 9' (H242952-15)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/31/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Mike Snyder For 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

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A handwritten signature in black ink, appearing to read "Mike Snyder".

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: <u>ETC</u>		BILL TO		ANALYSIS REQUEST													
Project Manager: <u>Dawn Ellison</u>		P.O. #:															
Address:		Company:															
City:	State:	Zip:	Attn:														
Phone #:	Fax #:	Project Owner:	Address:														
Project #:			City:	State:	Zip:												
Project Name: <u>4A-5</u>			Phone #:														
Project Location: <u>32-2057590 -103, 1702243</u>			Fax #:														
Sampler Name: <u>Franklin</u>																	
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH	BTEX	CL
<u>H04995</u>	<u>1-3'</u>	<u>6</u>											<u>5-28</u>	<u>1:30 PM</u>			
<u>2-3'</u>	<u>4'</u>																
<u>3-3'</u>	<u>9'</u>																
<u>4-3'</u>	<u>12'</u>																
<u>5-3'</u>	<u>11-3'</u>																
<u>6-3'</u>	<u>11-3'</u>																
<u>7-3'</u>	<u>11-3'</u>																
<u>8-3'</u>	<u>11-3'</u>																
<u>9-3'</u>	<u>11-3'</u>																
<p>PLEASE NOTE: Liability and/or 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 on any of the above stated reasons or otherwise.</p>																	
Relinquished By:	Date: <u>5-28-24</u>	Received By:															
<u>[Signature]</u>	Time: <u>1:34</u>	<u>[Signature]</u>															
Relinquished By:	Date:	Received By:															
Time:																	
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)														
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No															
<u>UPS</u>	<u>-0.1°C</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>[Signature]</u>														
Turnaround Time: <u>2130145013</u>	Thermometer ID #140	Bacteria (only) Sample Condition	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>														
	Correction Factor 0°C	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No															
		Observed Temp. °C															
		Corrected Temp. °C															
<p>REMARKS: <u>NM</u></p>																	
<p>Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:</p>																	
<p>All Results are emailed. Please provide Email address:</p>																	

† 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: ETC Project Manager: Dan Ellison Address: City: State: Zip: Phone #: Fax #: Project Owner: Project #: Project Name: 4A5 Project Location: 32.2051540 -103.1702243 Sample Name: ISAD2000 FOR LAB USE ONLY		BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:			
Date: 5-28-24 Time: 1544 Date: Time:		DATE TIME 5-28 2:00 PM		TPH BTEX CH	
Relinquished By: [Signature] Relinquished By: Received By: APR Date: Time:		CHECKED BY: (Initials) AP			
Delivered By: (Circle One) UPS Bus Other:		Observed Temp. °C -0.1°C Corrected Temp. °C		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
REMARKS: NM Turnaround Time: 2130145013 Thermometer ID #140 Correction Factor 0°C		Bacteria (only) Sample Condition Standard Rush <input checked="" type="checkbox"/> <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Observed Temp. °C Corrected Temp. °C	

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	775' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____
Signature: _____ Date: _____
email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

July 25, 2024

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

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

RE: Final Closure Request
ETC, Texas Pipeline
4A-5 Pipeline
Latitude 32.205759 North, Longitude 103. 1702243 West
Unit Letter "A," Section 21, Township 24 South, Range 37 East
Lea County, New Mexico (Private Land)
NMOCD Incident # nAPP2413873165

ETC Texas Pipeline, Ltd. Respectively submits this *Remediation Closure Request* to the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation of detailed delineation and/or remedial actions to address the 4A-5 release. This report serves as a condensed summary on field activities undertaken at the afore referenced Site.

Utilizing available data and previously submitted site characterization information, the NMOCD Closure Criteria for the Site was determined as follows. The search revealed depth to water information did not meet the NMOCD criteria for the age of data.

Table 1.

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria ^{††}	Reclamation Standard ^{†‡}
775"	Chloride (Cl ⁻)	EPA 300.0 or SM4500 Cl B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M		-
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

[†] Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

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

Minimum Distance, between the closest lateral extents of the release and the following surface area	
A continuously flowing watercourse or any other significant watercourse	>5 miles
Any lakebed, sinkhole, or playa lake measured from the ordinary high-water mark	>5 miles
An occupied permanent residence, school, hospital, institution, or church.	Between 1 and 5 Miles
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes.	Between 1 and 5 Miles
A wetland	>5miles
A subsurface mine	>5 miles
An (non-karst) unstable area.	>5 Miles
Categorize the risk of this well/ site being in Karst geology	Low
100-year floorplan	No
Did the release impact areas not on an exploration, development, production, or storage site.	Yes

Remediation Activities NMOCD Portal

Have the lateral and vertical extents of contamination been fully delineated?	yes
Highest Level of Contamination	176 Chloride 30.2 TPH
Lowest level of Contamination	<16Chloride <10.0TPH
Was the release contained in a line containment?	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
Total surface Area (in square feet) remediated.	2,860 sq ft
What was the total volume (cubic yards) remediated?	330 cyds
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet on non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10mg/kg Benzene.	Yes
What was the total area (in square feet) reclaimed?	2,860 sq ft
What was the total volume (in cubic yards) reclaimed	330 cyds
Summarize additional activities	Attached above

Delineation and Excavation Summary

Site Name: 4A-5

NMOCD Incident # nAPP2413873165

1. Initial scrape- May 28,2024
2. Delineation Activities- May 28, 2024
 - Soil samples were collected within the release area, and field screened for the presence of volatile organic compounds via a photoionization detector (PID) and chloride concentrations utilizing a Hach Quantab® chloride test kit.
 - Selected delineation samples were submitted to Cardinal Laboratories in Hobbs New Mexico. Vertical sample point location (V) was designated within the release area to determine vertical contamination depths. Horizontal sample locations (H1-H4) were collected around the release area.
3. Excavation activities - July 1, 2024

The floor and sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard.
4. Composite Closure Sampling activities -July 17, 2024
 - Composite closure samples representing every 200 Sq ft were collected and submitted to a certified laboratory. Each of the samples were tested for concentrations of BTEX, TPH and chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples.
 - 14 BH (bottom hole) and 11 SW (sidewall)
5. Restoration
 - Based upon laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced clean, non-impacted "like" material placed at or near relative positions. The affected area was contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable.
6. Re-vegetation
 - Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site. A *Re- Vegetation plan* will be submitted in accordance with NMOCD Rules and regulations prior to approved Closure on release site.

7. Soil Closure Request:

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

▪Based on laboratory analytical results and field activities conducted, it is recommended ETC Texas Pipeline, Ltd. Provide copies of this *Remediation Closure Request* to the appropriate agencies and request *Closure* be granted for the 4A-6 release.

The final dimensions of the excavated area(s) were 10 Ft. to 55 Ft. in length, 15Ft. to 25 Ft in width and ranged from 2Ft to 6.5 Ft. in depth. During the course of remediation activities approximately 330 cubic yards of impacted soil were transported to an NMOCD-approved surface waste facility for disposal.

Previously submitted pages of the NMOCD Form C-141, Topographic Map, OSE POD Locations Map, USGS Well Locations Map, Delineation Map, and Site Characterization are available on the NMOCD Imaging System. Final excavation map, summary of analytical data and GPS time stamped photographs are attached as Attachment 1, respectively.

Limitations:

This Report has been prepared to the best of its ability. No other warranty, expressed or implied, is made or intended. I have examined and relied upon documents referenced in the report and on oral statements made by certain individuals. I have presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Note that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. I have prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants.

Prepared By:



Lindsey Nevels
Environmental Consultant

Figures

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Energy Transfer
4A-5
naPP2413873165

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
BH1	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH2	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH3	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH4	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
BH5	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH6	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH7	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH8	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH9	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
BH10	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH11	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH12	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH13	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
BH14	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW1	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW2	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW3	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW4	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW5	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW6	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW7	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW8	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW9	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW10	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW11	7/17/24		Ex-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

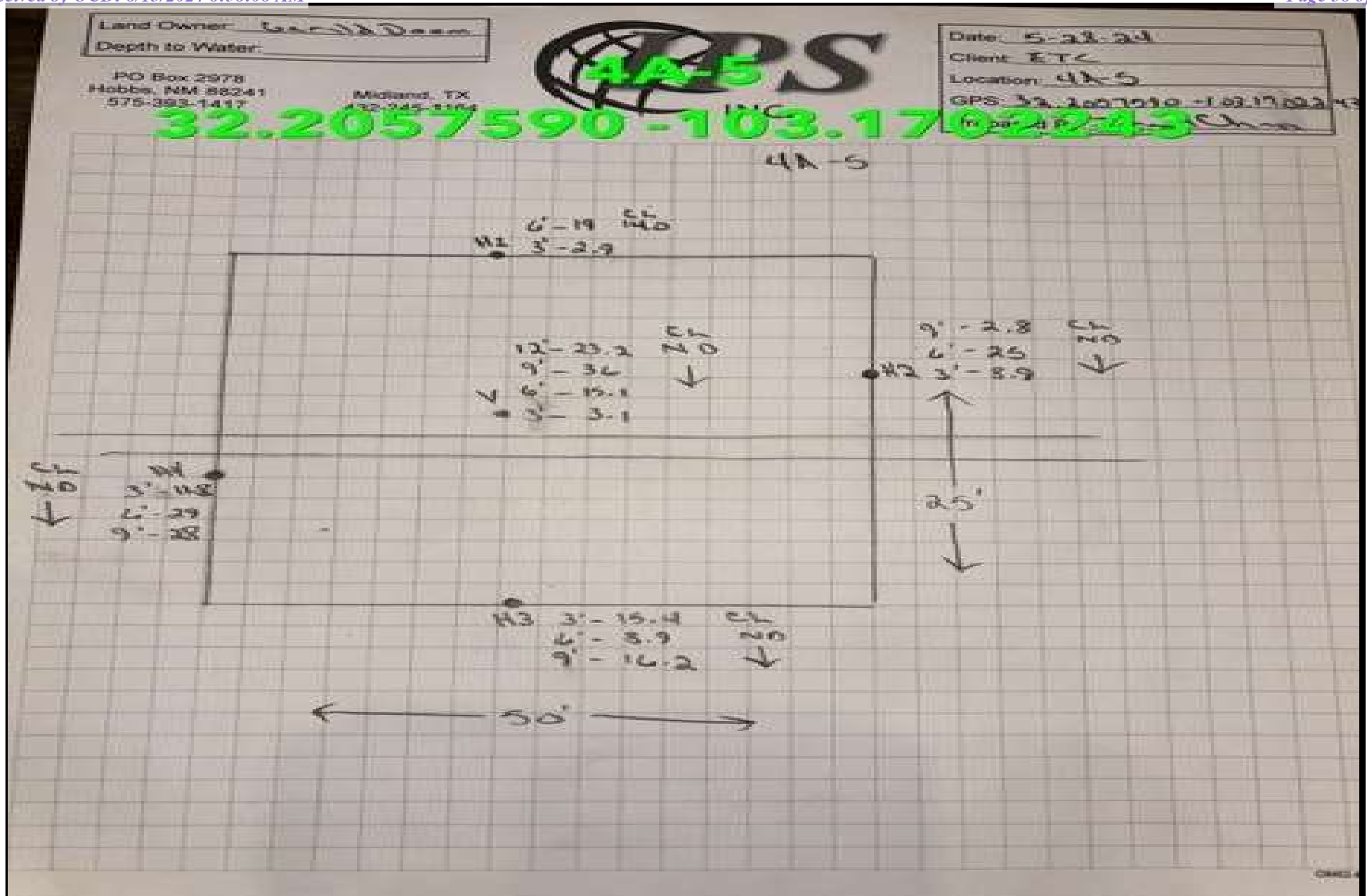
- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria



Soil Profile

- 1' Topsoil
- 2' Topsoil
- 3' Topsoil
- 4' Topsoil
- 5' Caliche
- 6.5 Caliche



Legend:

Delineation Sample Location Map



Delineation Sample Location Map

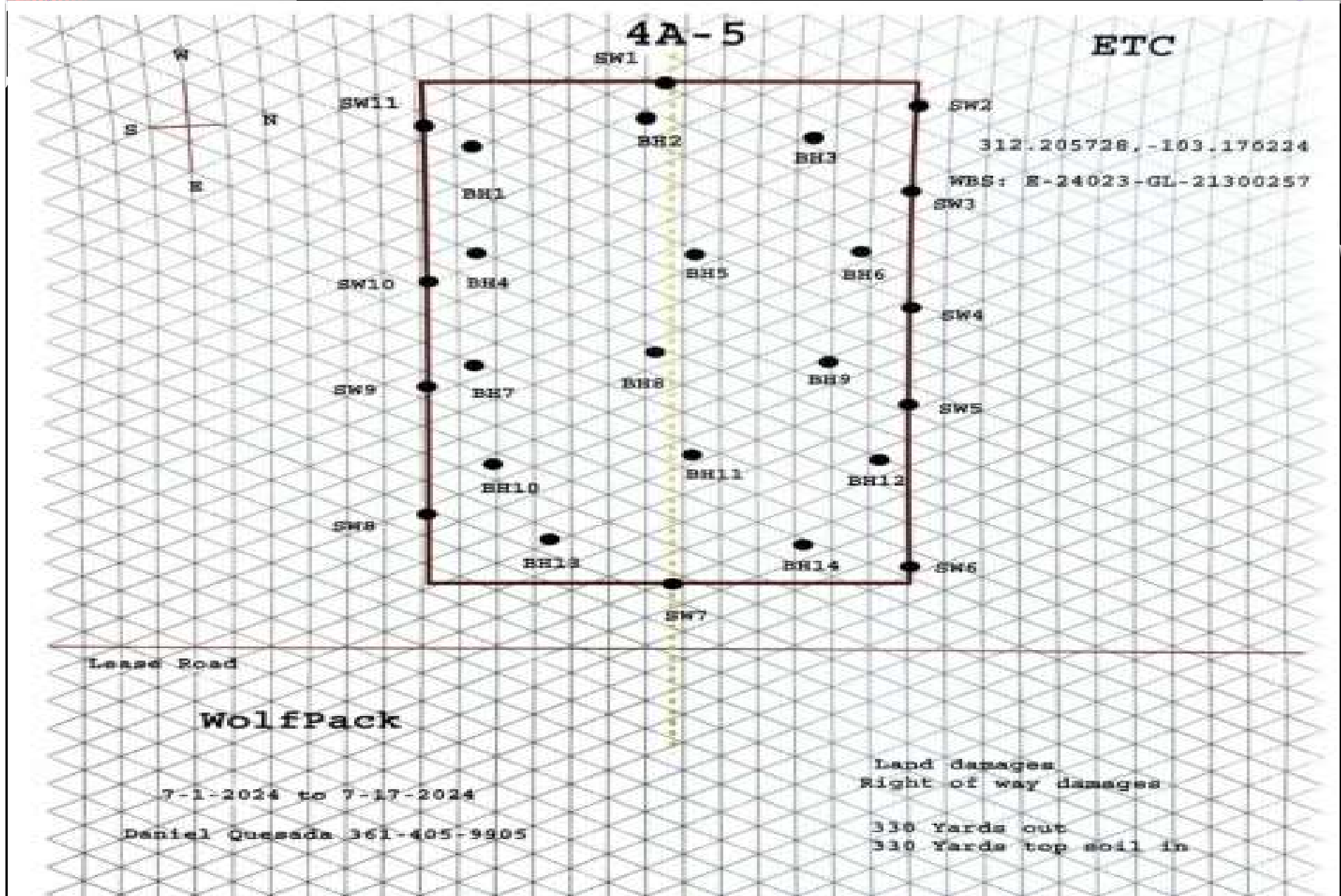
ETC Texas Pipeline, Ltd.

4A-5

32.205759 -103.1702243

Lea County New Mexico



**Legend**


● Sample Location

Excavation Composite Closure Map

ETC Texas Pipeline, Ltd.
 4A-5
 Pipeline

Figure 1



Legend	Scaled Site Map	
4A-5 Pipeline	ETC Texas Pipeline, Ltd. 4A-5	 ENERGY TRANSFER



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

July 22, 2024

LINDSEY NEVELS

WOLFPACK INDUSTRIES

6118 S COUNTY RD. 1160

MIDLAND, TX 79706

RE: 4A-5

Enclosed are the results of analyses for samples received by the laboratory on 07/17/24 10:32.

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

Cardinal Laboratories is 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:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 1 (H244266-01)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTEX	<0.300	0.300	07/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 2 (H244266-02)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTX	<0.300	0.300	07/18/2024	ND						

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

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	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 3 (H244266-03)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTX	<0.300	0.300	07/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

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	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 4 (H244266-04)

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	07/18/2024	ND	1.93	96.7	2.00	1.92	
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40	
Total BTX	<0.300	0.300	07/18/2024	ND					

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

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	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 5 (H244266-05)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTEx	<0.300	0.300	07/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 6 (H244266-06)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTX	<0.300	0.300	07/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

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	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 7 (H244266-07)

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	07/18/2024	ND	1.93	96.7	2.00	1.92	
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40	
Total BTX	<0.300	0.300	07/18/2024	ND					

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

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	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 8 (H244266-08)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTX	<0.300	0.300	07/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

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	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 9 (H244266-09)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTEX	<0.300	0.300	07/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

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	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 10 (H244266-10)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTEX	<0.300	0.300	07/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 11 (H244266-11)

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	07/18/2024	ND	1.93	96.7	2.00	1.92	
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40	
Total BTEX	<0.300	0.300	07/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 1 (H244266-12)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTEX	<0.300	0.300	07/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 2 (H244266-13)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTEX	<0.300	0.300	07/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 3 (H244266-14)

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	07/18/2024	ND	1.93	96.7	2.00	1.92		
Toluene*	<0.050	0.050	07/18/2024	ND	1.92	95.9	2.00	2.56		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	1.93	96.4	2.00	2.31		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	5.67	94.4	6.00	2.40		
Total BTEx	<0.300	0.300	07/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

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	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 4 (H244266-15)

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	07/18/2024	ND	2.09	105	2.00	7.91	
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43	
Total BTX	<0.300	0.300	07/18/2024	ND					

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

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	07/18/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 5 (H244266-16)

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	07/18/2024	ND	2.09	105	2.00	7.91	
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43	
Total BTX	<0.300	0.300	07/18/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	184	91.9	200	0.294	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	198	99.2	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 6 (H244266-17)

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	07/18/2024	ND	2.09	105	2.00	7.91	
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43	
Total BTEX	<0.300	0.300	07/18/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	187	93.5	200	0.292	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	186	93.2	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 7 (H244266-18)

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	07/18/2024	ND	2.09	105	2.00	7.91	
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43	
Total BTEX	<0.300	0.300	07/18/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	187	93.5	200	0.292	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	186	93.2	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 8 (H244266-19)

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	07/18/2024	ND	2.09	105	2.00	7.91	
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43	
Total BTEX	<0.300	0.300	07/18/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	187	93.5	200	0.292	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	186	93.2	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 9 (H244266-20)

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	07/18/2024	ND	2.09	105	2.00	7.91		
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43		
Total BTX	<0.300	0.300	07/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	187	93.5	200	0.292	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	186	93.2	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 10 (H244266-21)

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	07/18/2024	ND	2.09	105	2.00	7.91	
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43	
Total BTEX	<0.300	0.300	07/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	187	93.5	200	0.292	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	186	93.2	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 11 (H244266-22)

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	07/18/2024	ND	2.09	105	2.00	7.91		
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43		
Total BTEx	<0.300	0.300	07/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	187	93.5	200	0.292	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	186	93.2	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 12 (H244266-23)

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	07/18/2024	ND	2.09	105	2.00	7.91		
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82		
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38		
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43		
Total BTEX	<0.300	0.300	07/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	187	93.5	200	0.292	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	186	93.2	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 13 (H244266-24)

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	07/18/2024	ND	2.09	105	2.00	7.91	
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43	
Total BTEX	<0.300	0.300	07/18/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	187	93.5	200	0.292	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	186	93.2	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Analytical Results For:

WOLFPACK INDUSTRIES
LINDSEY NEVELS
6118 S COUNTY RD. 1160
MIDLAND TX, 79706
Fax To: NA

Received: 07/17/2024
Reported: 07/22/2024
Project Name: 4A-5
Project Number: NOT GIVEN
Project Location: ETC - JAL, NM

Sampling Date: 07/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH 14 (H244266-25)

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	07/18/2024	ND	2.09	105	2.00	7.91	
Toluene*	<0.050	0.050	07/18/2024	ND	2.04	102	2.00	7.82	
Ethylbenzene*	<0.050	0.050	07/18/2024	ND	2.11	105	2.00	6.38	
Total Xylenes*	<0.150	0.150	07/18/2024	ND	6.18	103	6.00	5.43	
Total BTEX	<0.300	0.300	07/18/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2024	ND	187	93.5	200	0.292	
DRO >C10-C28*	<10.0	10.0	07/18/2024	ND	186	93.2	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	07/18/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

**BILL TO**Page 28 of 30



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please email changes to celej.keeene@cardinallabsnm.com



ANALYSIS REQUEST

Page 30 of 30



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

June 03, 2024

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 4A-5

Enclosed are the results of analyses for samples received by the laboratory on 05/28/24 15:04.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: V - 3' (H242952-01)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: V - 6' (H242952-02)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: V - 9' (H242952-03)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: V - 12' (H242952-04)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 52.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 1 - 3' (H242952-05)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTX	<0.300	0.300	05/30/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 1 - 6' (H242952-06)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 2 - 3' (H242952-07)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 2 - 6' (H242952-08)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	27.9	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 2 - 9' (H242952-09)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 3 - 3' (H242952-10)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 3 - 6' (H242952-11)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 3 - 9' (H242952-12)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 4 - 3' (H242952-13)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 4 - 6' (H242952-14)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTX	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/31/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	30.2	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/28/2024
Reported: 06/03/2024
Project Name: 4A-5
Project Number: 32.2057590 -103.1702243
Project Location: NOT GIVEN

Sampling Date: 05/28/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: H 4 - 9' (H242952-15)

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	05/30/2024	ND	1.83	91.7	2.00	2.95		
Toluene*	<0.050	0.050	05/30/2024	ND	1.96	98.0	2.00	1.82		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.95	97.5	2.00	1.63		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	6.00	100	6.00	1.62		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/31/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-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".

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: ETC		P.O. #:		ANALYSIS REQUEST	
Project Manager: Dawn Ellison		Company:			
Address:		Attn:			
City:		Address:			
State:		City:			
Zip:		State:			
Phone #:		Fax #:			
Project #:		Project Owner:			
Project Name: 4A-5		City:			
Project Location: 32-2557590 -103, 1702243		State:			
Sample Name: Iron Ore		Zip:			
Fax #:		Phone #:			
FOR LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D.		DATE		TIME	
Sample I.D.		5-28		1:30 PM	
Handwritten: 1-30, 2-30, 3-30, 4-30, 5-30, 6-30, 7-30, 8-30, 9-30					
(G)RAB OR (C)OMP.					
# CONTAINERS					
GROUNDWATER					
WASTEWATER					
SOIL					
OIL					
SLUDGE					
OTHER :					
ACID/BASE:					
ICE / COOL					
OTHER :					
Matrix					
PRESERV.					
SAMPLING					
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: NM					
Turnaround Time: 2130145013					
Thermometer ID #140					
Correction Factor 0°C					
Bacteria (only) Sample Condition					
Cool Intact					
Yes <input type="checkbox"/> No <input type="checkbox"/>					
Corrected Temp. °C					
Observed Temp. °C					
Corrected Temp. °C					
Delivered By: (Circle One)					
Sample - UPS - Bus - Other:					
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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		P.O. #:		BILL TO										ANALYSIS REQUEST									
Project Manager: Dan Ellison		Company:																					
Address:		Attn:																					
City:		Address:																					
State:		City:																					
Zip:		State:																					
Phone #:		Fax #:																					
Project #:		Project Owner:																					
Project Name: 4A-5		City:																					
Project Location: 32.2057540 -103.1702243		State:																					
Fax #:		Phone #:																					
Sampler Name: Israd Danna		Fax #:																					
FOR LAB USE ONLY		PRESERV.		SAMPLING																			
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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 on any of the above stated reasons or otherwise.

Relinquished 5y: 32824 Date: 5/28/24 Received By: APR
Relinquished By: APR Date: 5/28/24 Received By: APR

Delivered By: (Circle One) Observed Temp. °C: -0.1°C Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No
Sampler - UPS - Bus - Other: Corrected Temp. °C: -0.1°C CHECKED BY: APR (Initials)

Turnaround Time: Standard Rush ☐ Bacteria (only) Sample Condition: ☐ Cool ☐ Intact ☐ Yes ☐ No
Thermometer ID #140 Correction Factor 0°C: 0.1 Corrected Temp. °C: 0.1

REMARKS: NM

Verbal Result: ☐ Yes ☐ No Add'l Phone #: 528 200 013
All Results are emailed. Please provide Email address: cel@2130165013

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

Table

Attachment I Site Photographs

Attachment II

Depth to Groundwater

Attachment III

Field Data

Attachment IV

Laboratory Analytical Reports

Attachment V
NMOCD Form C-141 Remediation Pages

From: [Ericson, Dean](#)
To: [Wells, Shelly, EMNRD](#)
Subject: [EXTERNAL] RE: NAPP2413873165 4A-5 PIPELINE
Date: Thursday, August 15, 2024 9:20:58 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)

You don't often get email from dean.ericson@energytransfer.com. [Learn why this is important](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Yes, my apologies for not including those in Table 1, depths are as follows:

BH1 thru BH12 - 6.5'

BH13 & BH14 - 2'

SW1 thru SW6 - 6.5'

SW7 – 3'

SW8 thru SW11 – 6.5'

Any questions please call,

Thanks,

Dean D. Ericson
Sr. Environmental Specialist
ER/Water/Waste/Remediation
Energy Transfer
O: 817.302.9573
M: 432.238.2142



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Thursday, August 15, 2024 9:59 AM

To: Ericson, Dean <Dean.Ericson@energyTransfer.com>

Subject: NAPP2413873165 4A-5 PIPELINE

Hi Dean,

I am reviewing the remediation closure report submitted for the following release NAPP2413873165 4A-5 PIPELINE and had a question for you. Table 1 is missing sample depths. Can you please provide these?

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

Private and confidential as detailed [here](#). If you cannot access hyperlink, please e-mail sender.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
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District IV
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 373276

QUESTIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID:	371183
	Action Number:	373276
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2413873165
Incident Name	NAPP2413873165 4A-5 PIPELINE @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	4A-5 Pipeline
Date Release Discovered	05/17/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other Pipeline (Any) Crude Oil Released: 4 BBL Recovered: 0 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Other Pipeline (Any) Produced Water Released: 15 BBL Recovered: 0 BBL Lost: 15 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Cause of release is unknown at this time. Initial Clean-Activities will begin on 05/18/24

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QUESTIONS, Page 2

Action 373276

QUESTIONS (continued)

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID:
	371183
	Action Number:
	373276
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	No Vacuum trucks available at this time. Initial cleanup activities will begin on 05/18/24

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

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

I hereby agree and sign off to the above statement	Name: Dean Ericson Title: Sr. Environmental Specialist Email: dean.ericson@energytransfer.com Date: 08/06/2024
--	---

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QUESTIONS, Page 3

Action 373276

QUESTIONS (continued)

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 373276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

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

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

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	176
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	30.2
GRO+DRO (EPA SW-846 Method 8015M)	30.2
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

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

On what estimated date will the remediation commence	07/01/2024
On what date will (or did) the final sampling or liner inspection occur	07/17/2024
On what date will (or was) the remediation complete(d)	07/17/2024
What is the estimated surface area (in square feet) that will be reclaimed	2860
What is the estimated volume (in cubic yards) that will be reclaimed	330
What is the estimated surface area (in square feet) that will be remediated	2860
What is the estimated volume (in cubic yards) that will be remediated	330

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

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

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QUESTIONS, Page 4

Action 373276

QUESTIONS (continued)

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID:	371183
	Action Number:	373276
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	SUNDANCE WEST [fJEG1635837006]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dean Ericson Title: Sr. Environmental Specialist Email: dean.ericson@energytransfer.com Date: 08/13/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

District I
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District II
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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

QUESTIONS, Page 5

Action 373276

QUESTIONS (continued)

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID:	371183
	Action Number:	373276
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 373276

QUESTIONS (continued)

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID:	371183
	Action Number:	373276
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	363115
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/16/2024
What was the (estimated) number of samples that were to be gathered	14
What was the sampling surface area in square feet	2860

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2860
What was the total volume (cubic yards) remediated	330
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	2860
What was the total volume (in cubic yards) reclaimed	330
Summarize any additional remediation activities not included by answers (above)	No additional comments

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

I hereby agree and sign off to the above statement	Name: Dean Ericson Title: Sr. Environmental Specialist Email: dean.ericson@energytransfer.com Date: 08/13/2024
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QUESTIONS, Page 7

Action 373276

QUESTIONS (continued)

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 373276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 373276

CONDITIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 373276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved. Sampling notice was provided for 7/16/2024 but confirmation samples were collected on 7/17/24.	8/15/2024
scwells	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	8/15/2024