

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?	>50 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 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	
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Application ID	

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

Printed Name: Dean Ericson Title: Sr. Environmental Specialist

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

email: Dean.Ericson@energytransfer.com Telephone: (817) 302-9573

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	
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## Closure

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

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

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

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

Printed Name: Dean Ericson Title: Sr. Environmental Specialist  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 email: Dean.Ericson@energytransfer.com Telephone: (817) 302-9573

**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: \_\_\_\_\_

# Remediation Summary and Soil Closure Request

## ETC Texas Pipeline, Ltd. West Eunice Discharge Line Remediation

Lea County, New Mexico  
Unit Letter C, Section 18, Township 23 South, Range 37 East  
Latitude 32.30835 North, Longitude 103.20269 West  
**NMOCD Reference No. Pending**

Prepared By:

**Etech Environmental & Safety Solutions, Inc.**  
3100 Plains Highway  
Lovington, New Mexico 88260



Matthew Grieco



Joel W. Lowry



Midland • San Antonio • Lubbock • Lovington • Lafayette

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### 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of ETC Texas Pipeline, Ltd., has prepared this Remediation Summary and Soil Closure Request for the Release Site known as the West Eunice Discharge Line Remediation. Details of the release are summarized below:

#### Location of Release Source

Latitude: 32.30835 Longitude: -103.20269

Provided GPS are in WGS84 format.

Site Name: West Eunice Discharge Line Remediation	Site Type: Pipeline
Date Release Discovered: 7/22/2020	API # (if applicable): N/A

Unit Letter	Section	Township	Range	County
C	18	23S	37E	Lea

Surface Owner:  State  Federal  Tribal  Private (Name RRR Cattle Co.)

#### Nature and Volume of Release

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 11367.8	Volume Recovered (Mcf) 0
<input type="checkbox"/> Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:

The release was attributed to corrosion of the pipeline segment. The pipeline was shut-in and repairs were made.

#### Initial Response

<input checked="" type="checkbox"/> The source of the release has been stopped.
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.
<input checked="" type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.

Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

## 2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	>50 ft		
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	
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 any 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 the 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	
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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	

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1 & 2.

## 3.0 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
~100 ft	Chloride	EPA 300.0 or SM4500 Cl B	10000 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	2500 mg/kg
	DRO + GRO	EPA SW-846 Method 8015M	1000 mg/kg
	BTEX	EPA SW-846 Methods 8021b or 8260b	50 mg/kg
	Benzene	EPA SW-846 Methods 8021b or 8260b	10 mg/kg

## 4.0 REMEDIATION ACTIVITIES SUMMARY

On July 23, 2020, an alternate contractor responded to the pipe blowout event. Initial sampling was conducted on the area exposed by the blowout and pipe repair operations.

Twenty-four (24) soil samples (V 1, V 2, V 3, V 4, V 5, V 6, V 7, V 8, V 9, V 10, V 11, V 12, V 13, V 14, V 15, V 16, H 1, H 1.1, H 1.2, H 2, H 3, H 3.1, H 3.2, and H 4) were submitted to the laboratory for analysis of BTEX, TPH and/or Chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond 7 Ft. bgs except for samples V 9 (1,500 mg/kg BTEX and 22,800 mg/kg TPH), V 10 (690 mg/kg BTEX and 8,070 mg/kg TPH), V 13 (163 mg/kg BTEX and 1,750 mg/kg GRO+DRO), and V 15 (140 mg/kg BTEX and 1,160 mg/kg GRO+DRO). The horizontal extent of affected soil impacted above the NMOCD Closure Criteria was adequately defined except for sample H 3.2 (530 mg/kg BTEX and 6,750 mg/kg TPH). Upon sampling the open excavation, affected area was backfilled, compacted, and graded in an effort to repair the road and restore access to nearby locations. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was left in-situ until laboratory analytical results could identify the areas requiring remediation.

On August 4, 2020, remediation activities commenced at the Site. In accordance with the NMOCD, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and stockpiled on-site, pending final disposition at an NMOCD-approved surface waste facility for disposal. 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.

On August 4, 2020, an alternate contractor collected five (5) excavation confirmation soil samples (V 9, V 10, V 13, V 15, and H 3.2). The collected soil samples were submitted to a certified commercial laboratory for analysis of BTEX and TPH. Laboratory analytical results indicated BTEX and TPH concentrations below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples.

A "Site & Sample Location Map" is provided as Figure 3. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C. Field data and soil profile logs, if applicable, are provided as Appendix B.

The final dimensions of the excavated area were 45 Ft. in length, 15 to 30 Ft. in width and ranged from 8 to 10 Ft. in depth. During the course of remediation activities approximately 240 cubic yards of impacted soil were transported to an NMOCD-approved surface waste facility for disposal.

## 5.0 RESTORATION, RECLAMATION AND RE-VEGETATION PLAN

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

## **6.0 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 to date, Etech recommends ETC Texas Pipeline, Ltd. provide copies of this Remediation Summary and Soil Closure Request to the appropriate agencies and request closure be granted to the West Eunice Discharge Line Remediation Site.

## **7.0 LIMITATIONS**

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

This report has been prepared for the benefit of ETC Texas Pipeline, Ltd.. Use of the information contained in this report is prohibited without the consent of Etech and/or ETC Texas Pipeline, Ltd..

## **8.0 DISTRIBUTION**

***ETC Texas Pipeline, Ltd.***

*600 N. Marienfeld. St.*

*Suite 700*

*Midland, TX 79701*

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

*Oil Conservation Division, District 1*

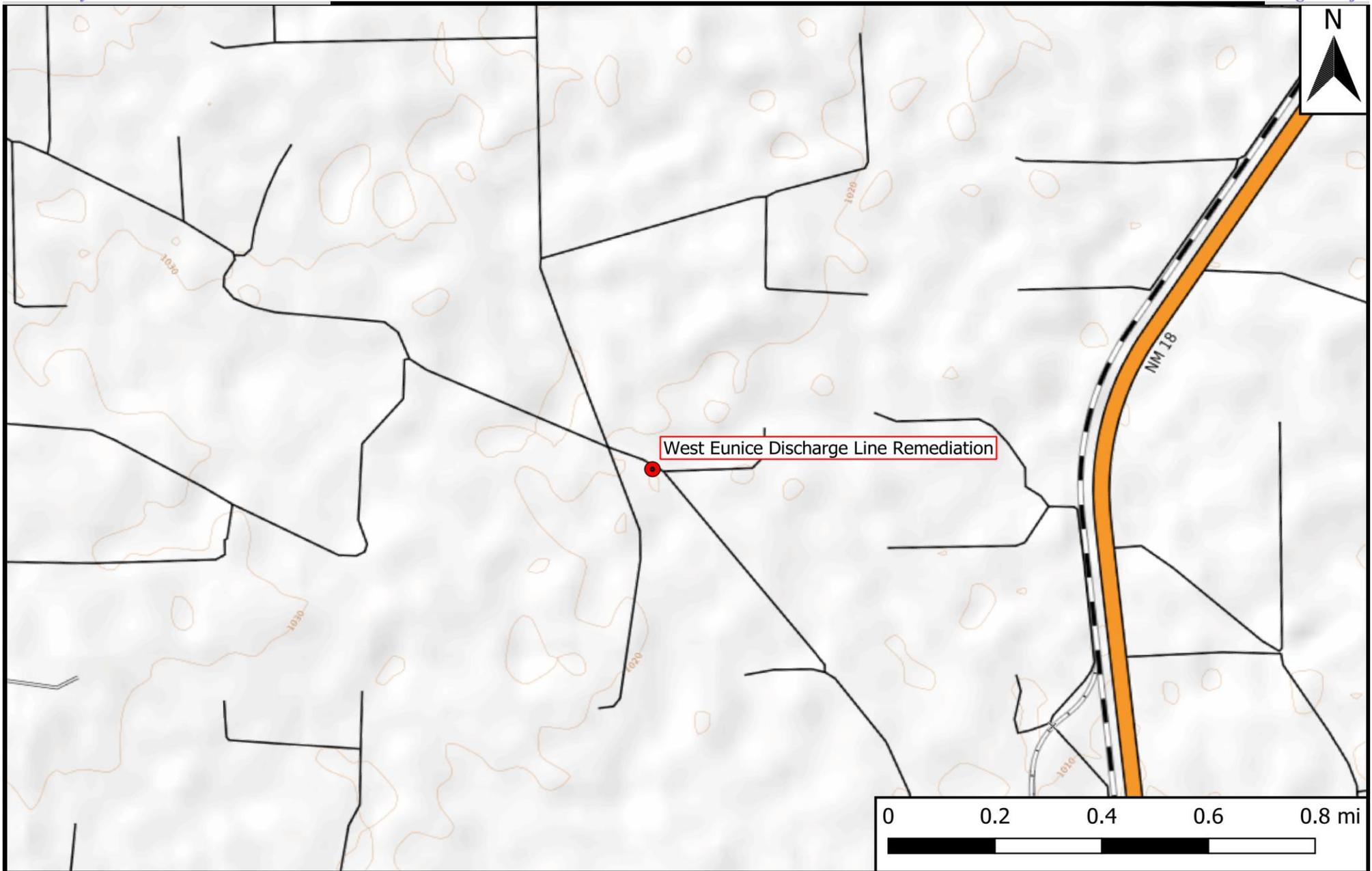
*1220 South St. Francis Drive*

*Santa Fe, NM 87505*

*(Electronic Submission)*

# **Figure 1**

## **Topographic Map**



Legend

● Site Location

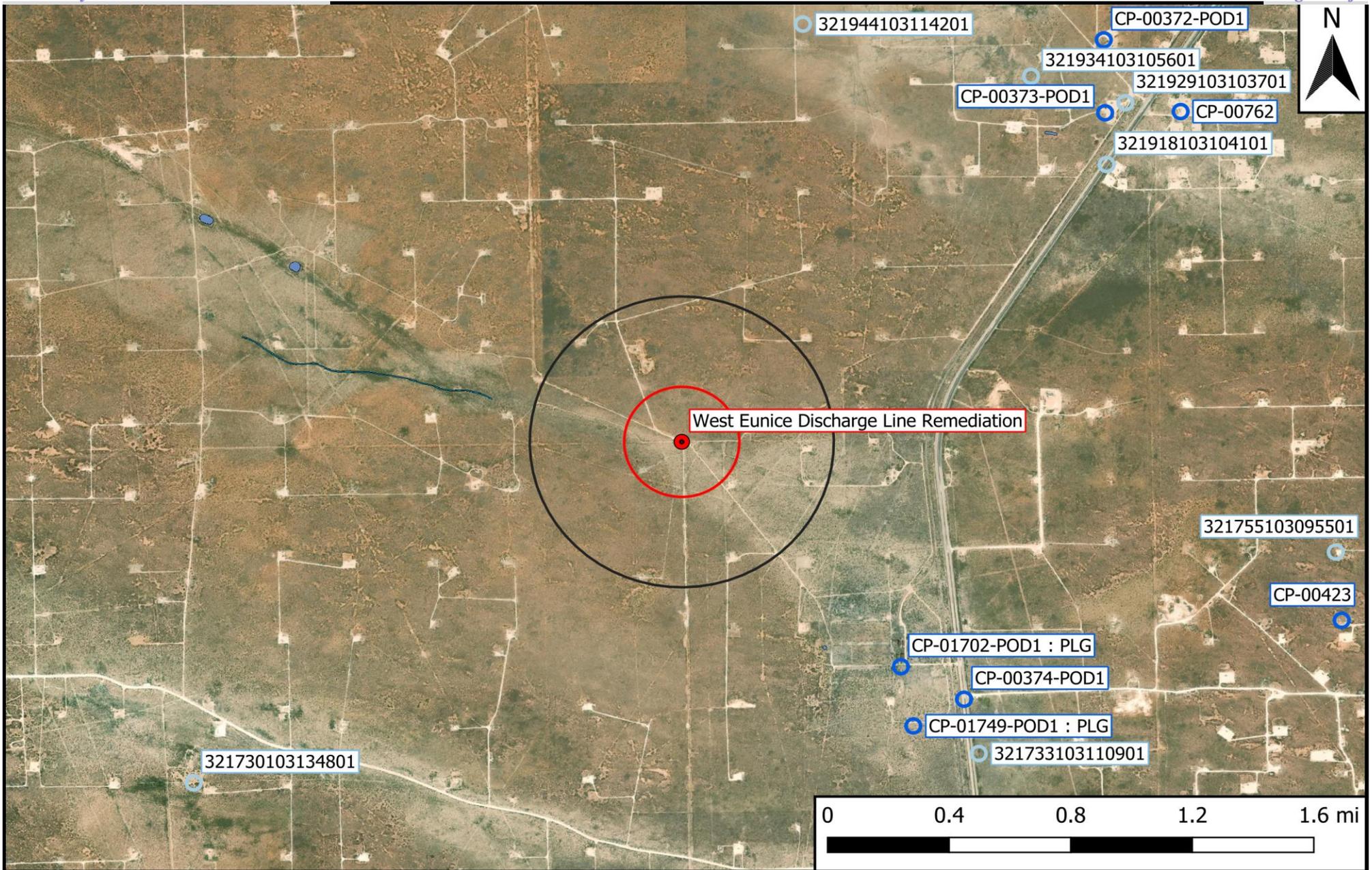
**Figure 1**

Topographic Map  
 ETC Texas Pipeline, Ltd.  
 West Eunice Discharge Line Remediation  
 GPS: 32.30835, -103.20269  
 Lea County



Drafted: mag    Checked: jwl    Date: 8/19/20

## Figure 2 Aerial Proximity Map



Legend	
	Site Location
	Well - NMOSE
	Well - USGS
	High Karst
	Potash Mine Workings
	0.5 Mi Radius
	1000 Ft Radius
	1% Annual Flood Chance
	Lake/Freshwater Pond
	Emergent/Forested Wetlands
	Riverine

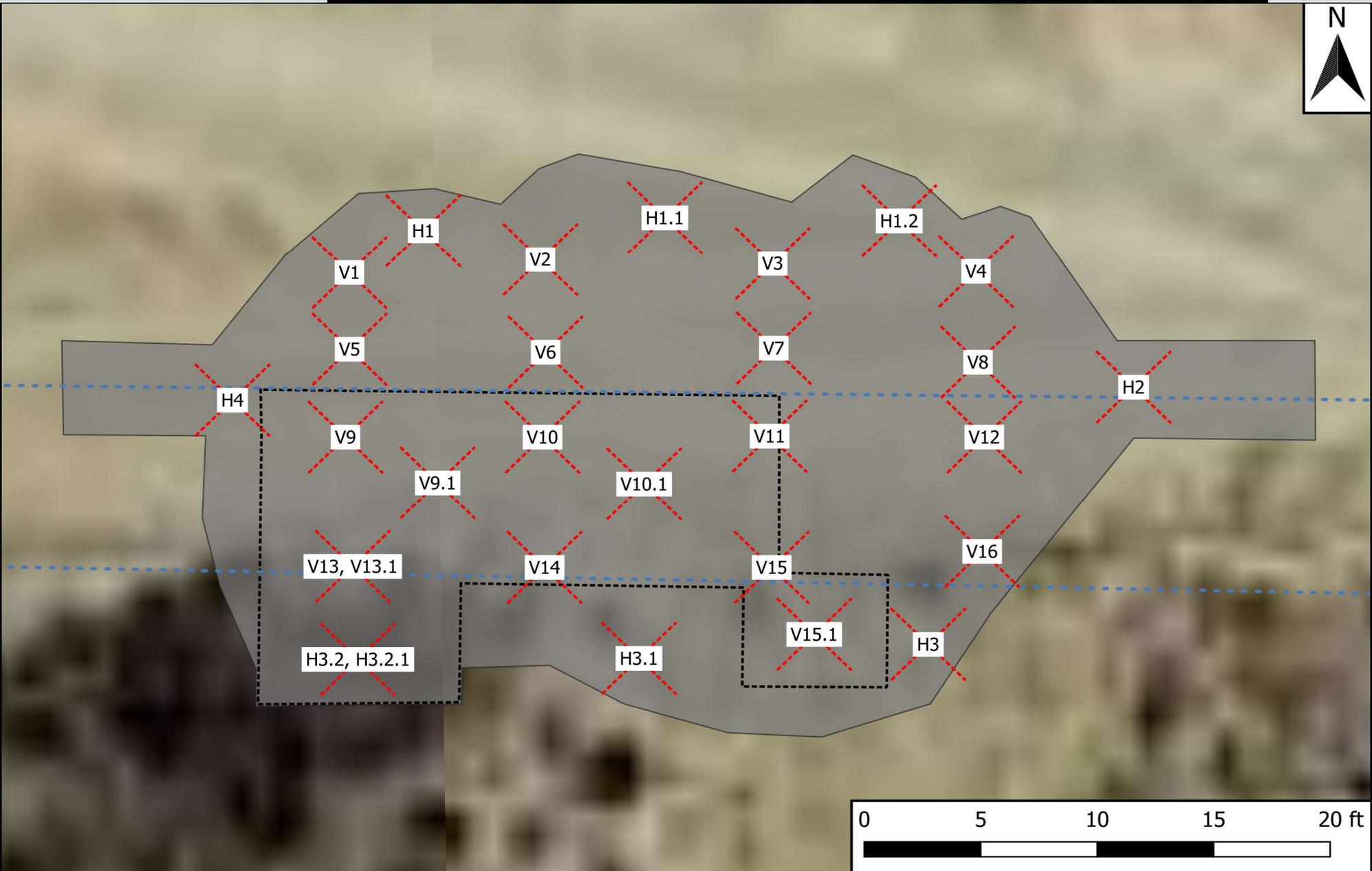
**Figure 2**  
 Aerial Map  
 ETC Texas Pipeline, Ltd.  
 West Eunice Discharge Line Remediation  
 GPS: 32.30835, -103.20269  
 Lea County



Drafted: mag      Checked: jwl      Date: 8/19/20

## **Figure 3**

### **Site and Sample Location Map**



Legend

	Sample Area
	Buried Line
	Initial Excavation
	Second Excavation

**Figure 3**  
 Site and Sample Location Map  
 ETC Texas Pipeline, Ltd.  
 West Eunice Discharge Line Remediation  
 GPS: 32.30835, -103.20269  
 Lea County


  
 Environmental & Safety Solutions, Inc.

Drafted: mag      Checked: jwl      Date: 9/10/20

**Table 1**  
**Concentrations of BTEX, TPH, and/or Chloride in Soil**

**TABLE 1**  
**CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL**  
**ETC Texas Pipeline, Ltd.**  
**West Eunice Discharge Line Remediation**  
**NMOCD Ref. #: Pending**

NMOCD Closure Criteria				10	50	-	-	1000	-	2500	10000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
V 1	7/23/2020	7'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
V 2	7/23/2020	7'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
V 3	7/23/2020	7'	In-Situ	<0.050	0.305	<10.0	<10.0	<20.0	<10.0	<30.0	272
V 4	7/23/2020	7'	In-Situ	<0.050	0.879	11.5	13.7	25.2	<10.0	25.2	496
V 5	7/23/2020	7'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
V 6	7/23/2020	7'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
V 7	7/23/2020	7'	In-Situ	0.121	0.443	<10.0	<10.0	<20.0	<10.0	<30.0	320
V 8	7/23/2020	7'	In-Situ	1.33	5.18	<10.0	<10.0	<20.0	<10.0	<30.0	288
V 9	7/23/2020	7'	Excavated	<b>180</b>	<b>1,500</b>	22,500	278	<b>22,800</b>	<100	<b>22,800</b>	544
V 10	7/23/2020	7'	Excavated	<b>39.4</b>	<b>690</b>	8,030	37.2	<b>8,070</b>	<10.0	<b>8,070</b>	448
V 11	7/23/2020	7'	In-Situ	0.707	44.0	420	27.5	448	<10.0	448	480
V 12	7/23/2020	7'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
V 13	7/23/2020	7'	Excavated	3.86	<b>163</b>	1,720	34.6	<b>1,750</b>	<10.0	1,750	240
V 14	7/23/2020	7'	In-Situ	0.616	48.6	479	38.5	518	<10.0	518	512
V 15	7/23/2020	7'	Excavated	4.18	<b>140</b>	1,110	49.8	<b>1,160</b>	<10.0	1,160	400
V 16	7/23/2020	7'	In-Situ	0.413	19.7	146	13.1	159	<10.0	159	320
H 1	7/23/2020	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
H 1.1	7/23/2020	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
H 1.2	7/23/2020	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
H 2	7/23/2020	4'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
H 3	7/23/2020	4'	In-Situ	0.0790	0.377	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
H 3.1	7/23/2020	4'	In-Situ	0.221	0.895	28.5	<10.0	28.5	<10.0	28.5	<16.0
H 3.2	7/23/2020	4'	Excavated	<b>44.4</b>	<b>530</b>	6,720	31.2	<b>6,750</b>	<10.0	<b>6,750</b>	<16.0
H 4	7/23/2020	4'	In-Situ	<0.050	<0.300	38.0	<10.0	38.0	<10.0	38.0	48.0
V 9	8/4/2020	10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	-
V 10	8/4/2020	10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	-
V 13	8/4/2020	10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	-
V 15	8/4/2020	10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	-
H 3.2	8/4/2020	6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	-

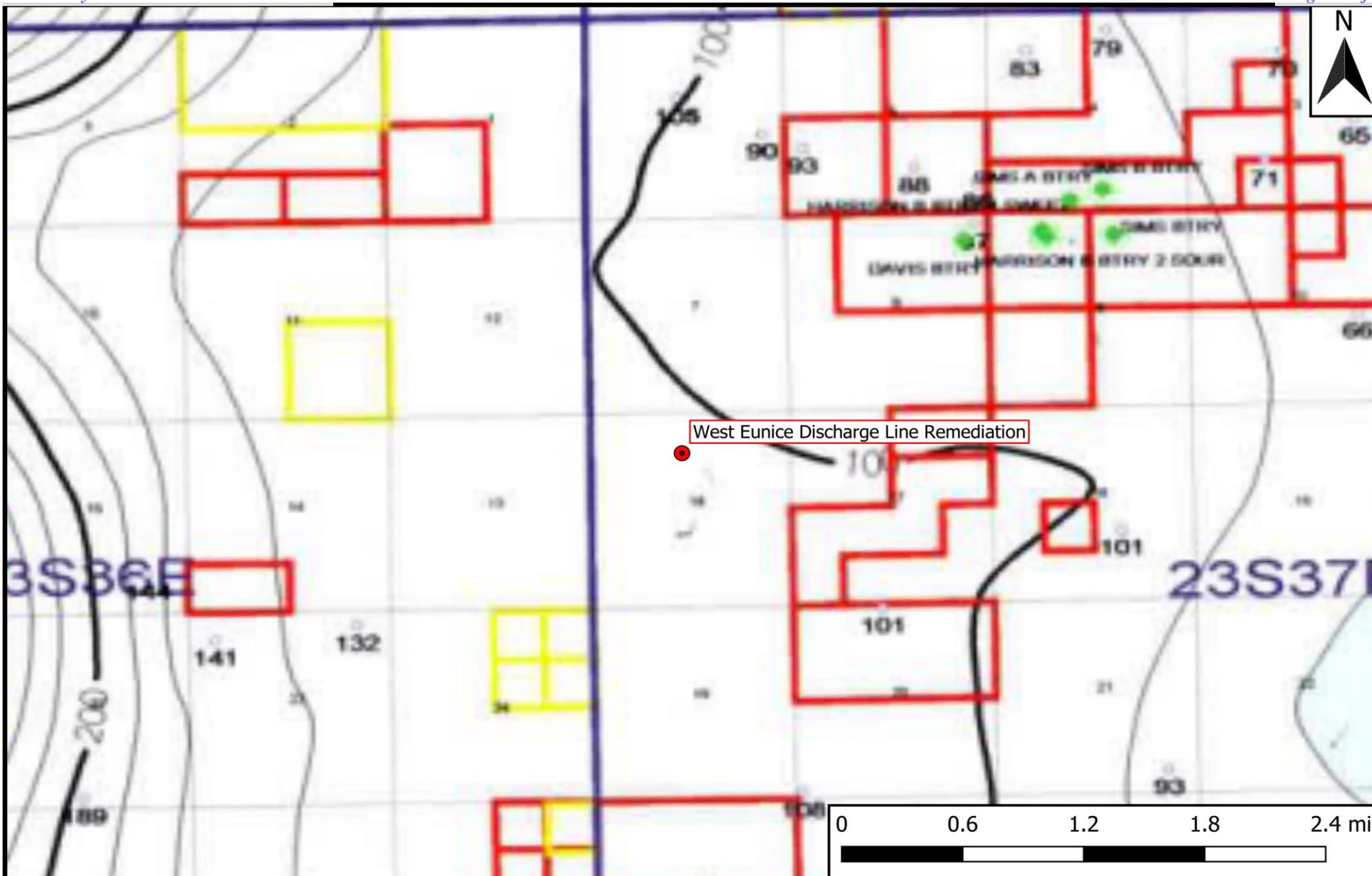
## NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

# **Appendix A**

## **Depth to Groundwater Information**



Legend  
 ● Site Location

**Figure 4**  
 Inferred Depth to Groundwater Trend Map  
 ETC Texas Pipeline, Ltd.  
 West Eunice Discharge Line Remediation  
 GPS: 32.30835, -103.20269  
 Lea County



Drafted: mag    Checked: jwl    Date: 8/19/20



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">CP 01702 POD1</a>	CP	LE	LE	2	1	1	20	23S	37E	670367	3574794	1697			
<a href="#">CP 01749 POD1</a>	CP	LE	LE	4	1	1	20	23S	37E	670434	3574468	1988			
<a href="#">CP 00374 POD1</a>	CP	LE	LE	2	1	20	23S	37E	670702	3574615*	2060	110			
<a href="#">CP 00855</a>	CP	LE	LE	3	3	20	23S	37E	670321	3573402*	2857	200	120	80	
<a href="#">CP 00373 POD1</a>	CP	LE	LE	2	2	08	23S	37E	671449	3577847*	2883	150			
<a href="#">CP 00390 POD1</a>	CP	LE	LE	2	4	1	06	23S	37E	669120	3579111*	3078	100		
<a href="#">CP 00762</a>	CP	LE	LE	1	1	09	23S	37E	671849	3577854*	3208	185	100	85	

Average Depth to Water: **110 feet**

Minimum Depth: **100 feet**

Maximum Depth: **120 feet**

**Record Count:** 7

**UTM NAD83 Radius Search (in meters):**

**Easting (X):** 669206.92

**Northing (Y):** 3576033.54

**Radius:** 3220

\*UTM location was derived from PLSS - see Help

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WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00373 POD1	2	2	08	23S	37E		671449	3577847*

<b>Driller License:</b> 122	<b>Driller Company:</b> UNKNOWN	
<b>Driller Name:</b>		
<b>Drill Start Date:</b>	<b>Drill Finish Date:</b>	<b>Plug Date:</b>
<b>Log File Date:</b>	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b> 9.00	<b>Depth Well:</b> 150 feet	<b>Depth Water:</b>

\*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00374 POD1	2	1	20	23S	37E		670702	3574615*

**Driller License:** 122      **Driller Company:** UNKNOWN

**Driller Name:**

**Drill Start Date:**      **Drill Finish Date:**      **Plug Date:**

**Log File Date:**      **PCW Rcv Date:**      **Source:** Shallow

**Pump Type:**      **Pipe Discharge Size:**      **Estimated Yield:**

**Casing Size:** 4.50      **Depth Well:** 110 feet      **Depth Water:**

\*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
CP 00390	POD1	2 4 1	06	23S	37E	669120	35791111*

<b>Driller License:</b> 122	<b>Driller Company:</b> UNKNOWN	
<b>Driller Name:</b>		
<b>Drill Start Date:</b>	<b>Drill Finish Date:</b>	<b>Plug Date:</b>
<b>Log File Date:</b>	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 10 GPM
<b>Casing Size:</b> 8.00	<b>Depth Well:</b> 100 feet	<b>Depth Water:</b>

\*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
CP 00762		1	1	09	23S	37E		671849	3577854*

<b>Driller License:</b> 882	<b>Driller Company:</b> LARRY'S DRILLING & PUMP CO.		
<b>Driller Name:</b> FELKINS, LARRY			
<b>Drill Start Date:</b> 05/01/1991	<b>Drill Finish Date:</b> 05/09/1991	<b>Plug Date:</b>	
<b>Log File Date:</b> 06/05/1991	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow	
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 40 GPM	
<b>Casing Size:</b> 6.00	<b>Depth Well:</b> 185 feet	<b>Depth Water:</b> 100 feet	

Water Bearing Stratifications:	Top	Bottom	Description
	100	160	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	160	185

\*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
CP 00855		3	3	20	23S	37E	670321	3573402*	

<b>Driller License:</b> 763	<b>Driller Company:</b> C & R DRILLING		
<b>Driller Name:</b> FELKINS, CLIFTON L.			
<b>Drill Start Date:</b> 10/01/1996	<b>Drill Finish Date:</b> 10/03/1996	<b>Plug Date:</b>	
<b>Log File Date:</b> 10/09/1996	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow	
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 25 GPM	
<b>Casing Size:</b> 4.00	<b>Depth Well:</b> 200 feet	<b>Depth Water:</b> 120 feet	

Water Bearing Stratifications:	Top	Bottom	Description
	150	195	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	160	200

\*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	CP 01702 POD1	2	1	1	20	23S	37E	670367	3574794

<b>Driller License:</b> 1044	<b>Driller Company:</b> EADES WELL DRILLING & PUMP SERVICE		
<b>Driller Name:</b> EADES, ALAN			
<b>Drill Start Date:</b> 09/14/2018	<b>Drill Finish Date:</b> 09/14/2018	<b>Plug Date:</b> 09/14/2018	
<b>Log File Date:</b> 01/16/2019	<b>PCW Rcv Date:</b>	<b>Source:</b>	
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>	
<b>Casing Size:</b>	<b>Depth Well:</b>	<b>Depth Water:</b>	

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POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	CP 01749 POD1	4	1	1	20	23S	37E	670434	3574468

**Driller License:** 1044      **Driller Company:** EADES WELL DRILLING & PUMP SERVICE

**Driller Name:** EADES, ALAN

**Drill Start Date:** 01/15/2019      **Drill Finish Date:** 01/16/2019      **Plug Date:** 01/16/2019

**Log File Date:** 02/21/2019      **PCW Rcv Date:**      **Source:**

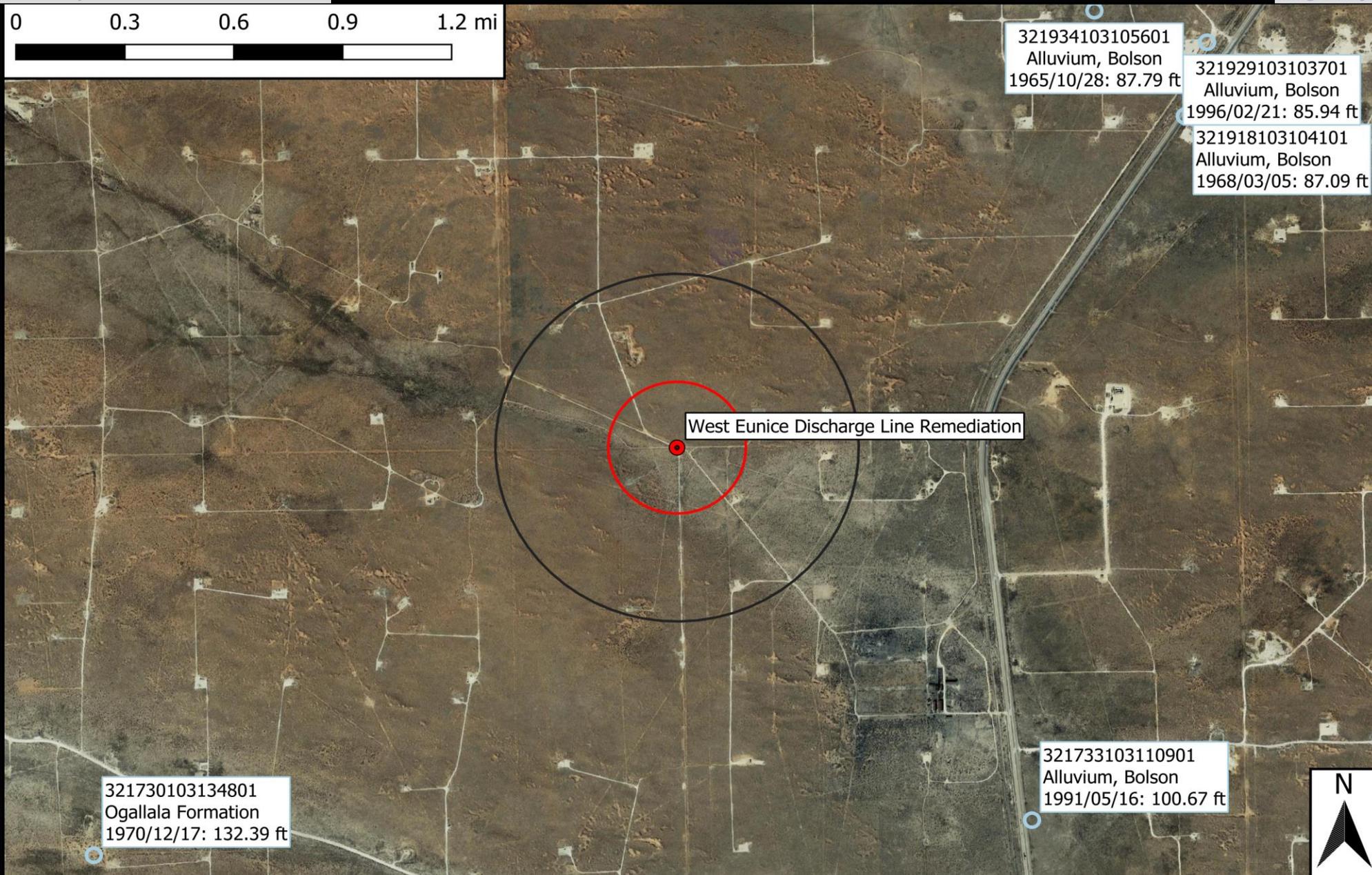
**Pump Type:**      **Pipe Discharge Size:**      **Estimated Yield:**

**Casing Size:**      **Depth Well:**      **Depth Water:**

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POINT OF DIVERSION SUMMARY



**Legend**

- Site Location
- Well - USGS
- 0.5 Mi Radius
- 1000 Ft Radius

**Figure 5**  
 USGS Well Proximity Map  
 ETC Texas Pipeline, Ltd.  
 West Eunice Discharge Line Remediation  
 GPS: 32.30835, -103.20269  
 Lea County

**eTECH**   
*Environmental & Safety Solutions, Inc.*

Drafted: mag    Checked: jwl    Date: 8/19/20



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USGS Water Resources

Data Category:  Geographic Area:

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### Search Results -- 1 sites found

Agency code = usgs  
 site\_no list = 

- 321730103134801

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 321730103134801 23S.36E.23.22141

Lea County, New Mexico  
 Latitude 32°17'30", Longitude 103°13'48" NAD27  
 Land-surface elevation 3,361 feet above NAVD88  
 This well is completed in the Ogallala Formation (121OGLL) local aquifer.

#### Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1968-03-26		D	132.80			2		U			U A
1970-12-17		D	132.39			2		U			U A

#### Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for USA: Water Levels

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

Released to Imaging: 3/1/2021 1:33:27 PM







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**Search Results -- 1 sites found**

Agency code = usgs  
site\_no list =  
• 321733103110901

Minimum number of levels = 1

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**USGS 321733103110901 23S.37E.20.122213**

Lea County, New Mexico  
Latitude 32°17'33", Longitude 103°11'09" NAD27  
Land-surface elevation 3,311 feet above NAVD88  
The depth of the well is 110 feet below land surface.  
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

**Output formats**

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1965-11-03		D	100.27			2			U		U A
1968-03-01		D	100.27			2			U		U A
1970-12-16		D	100.24			2			U		U A
1981-03-25		D	100.36			2			U		U A
1986-03-20		D	100.95			2			U		U A
1991-05-16		D	100.67			2			U		U A

**Explanation**

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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

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0.28 0.27 nadww01



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### Search Results -- 1 sites found

Agency code = usgs  
 site\_no list =  
 • 321918103104101

Minimum number of levels = 1

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### USGS 321918103104101 23S.37E.08.22200

Lea County, New Mexico  
 Latitude 32°19'18", Longitude 103°10'41" NAD27  
 Land-surface elevation 3,323 feet above NAVD88  
 The depth of the well is 150 feet below land surface.  
 This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

#### Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1965-10-28		D	87.00			2		U		U	A
1968-03-05		D	87.09			2		U		U	A

#### Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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**Search Results -- 1 sites found**

Agency code = usgs  
site\_no list = 

- 321929103103701

Minimum number of levels = 1

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**USGS 321929103103701 23S.37E.05.44243**

Lea County, New Mexico

Latitude 32°19'29", Longitude 103°10'37" NAD27

Land-surface elevation 3,322 feet above NAVD88

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

**Output formats**

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1968-03-05		D	88.08			2			U		U
1970-12-18		D	85.00			2			U		U
1976-01-15		D	85.05			2			U		U
1981-03-24		D	85.28			2			U		U
1986-03-20		D	85.54			2			U		U
1991-05-16		D	85.50			2			U		U
1996-02-21		D	85.94			2			S		U

**Explanation**

Section	Code	Description
<a href="#">Water-level date-time accuracy</a>	D	Date is accurate to the Day
<a href="#">Water-level accuracy</a>	2	Water level accuracy to nearest hundredth of a foot
<a href="#">Status</a>		The reported water-level measurement represents a static level
<a href="#">Method of measurement</a>	S	Steel-tape measurement.
<a href="#">Method of measurement</a>	U	Unknown method.
<a href="#">Measuring agency</a>		Not determined
<a href="#">Source of measurement</a>	U	Source is unknown.
<a href="#">Water-level approval status</a>	A	Approved for publication -- Processing and review completed.

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0.3 0.27 nadww01



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### Search Results -- 1 sites found

Agency code = usgs  
 site\_no list = 

- 321934103105601

Minimum number of levels = 1

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### USGS 321934103105601 23S.37E.05.43211

Lea County, New Mexico

Latitude 32°19'34", Longitude 103°10'56" NAD27

Land-surface elevation 3,330 feet above NAVD88

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

#### Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1965-10-28		D	87.79			2		U		U	A

#### Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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

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





## **Appendix B**

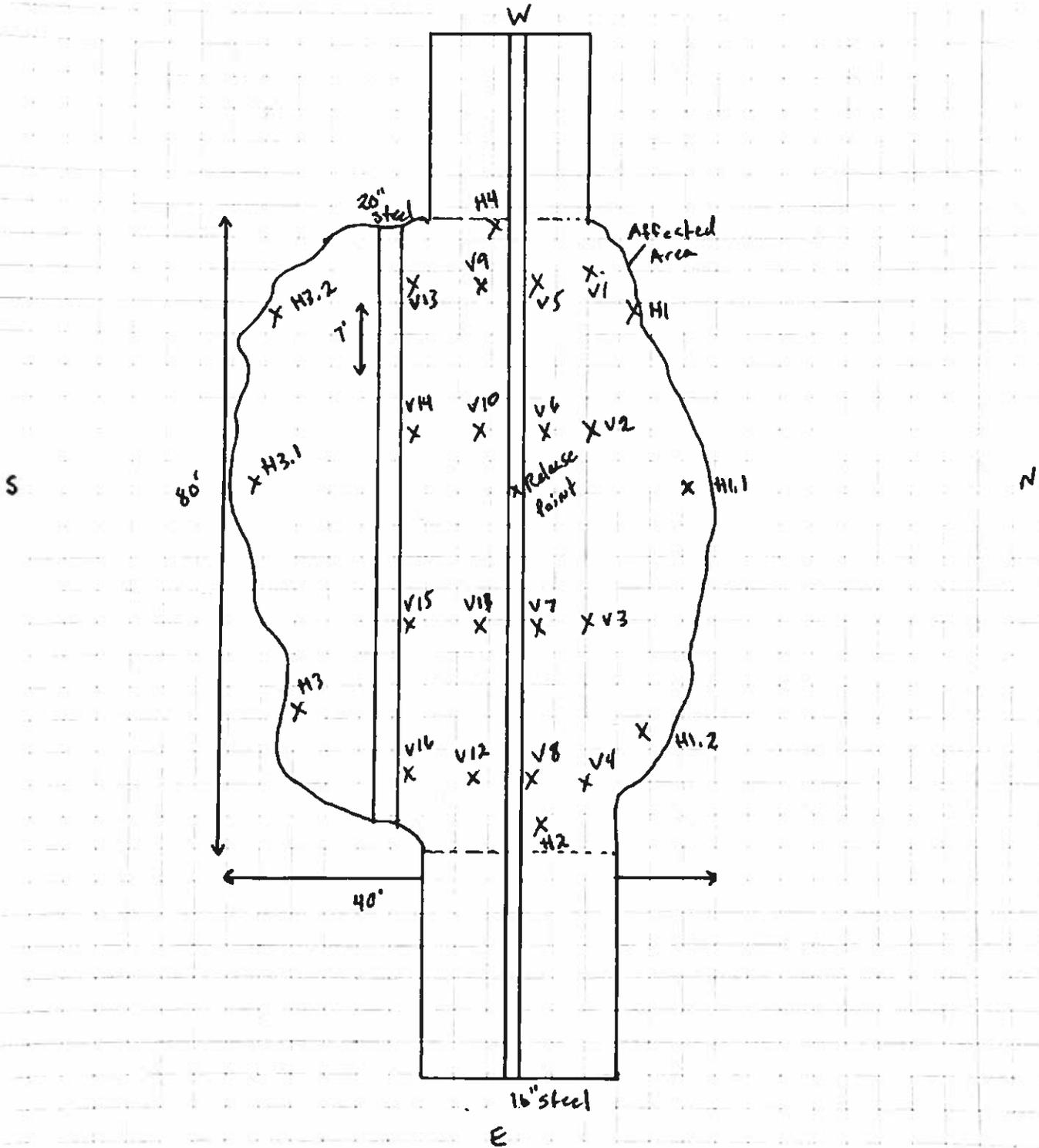
### **Field Data and Soil Profile Logs**



PO Box 2978  
Hobbs, NM 88241  
575-393-1417

Midland, TX  
432-245-1164

Date:	7/23/2020
Client:	ETC
Location:	West Eunice Discharge
GPS:	32.308381 -103.202841
Prepared By:	Tyler R.

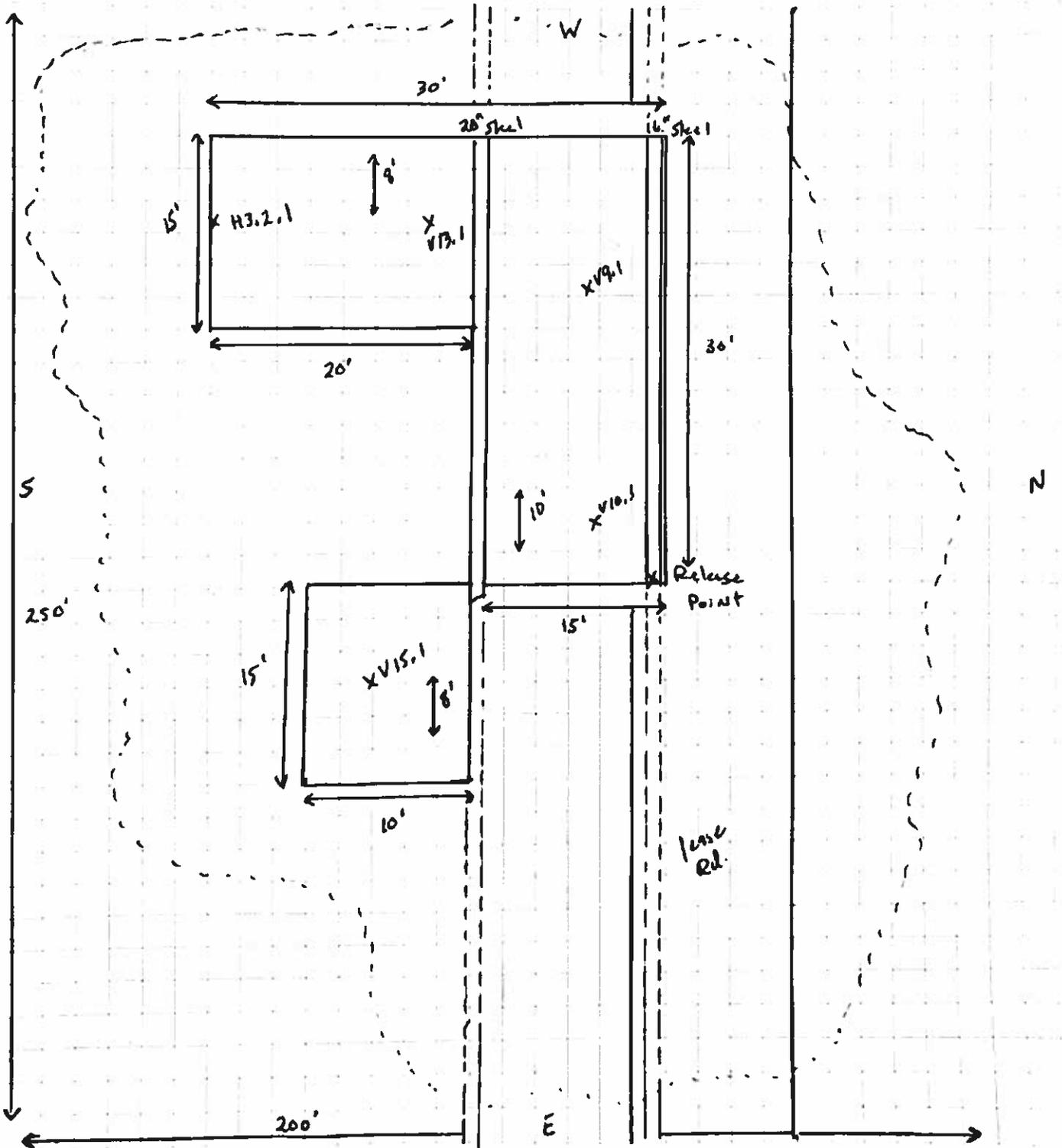




PO Box 2978  
Hobbs, NM 88241  
575-393-1417

Midland, TX  
432-245-1164

Date:	8/4/2020
Client:	ETC
Location:	West Eunice Discharge
GPS:	32.308381 -103.202841
Prepared By:	Tyler B.



OMG #3667



# Soil Profile

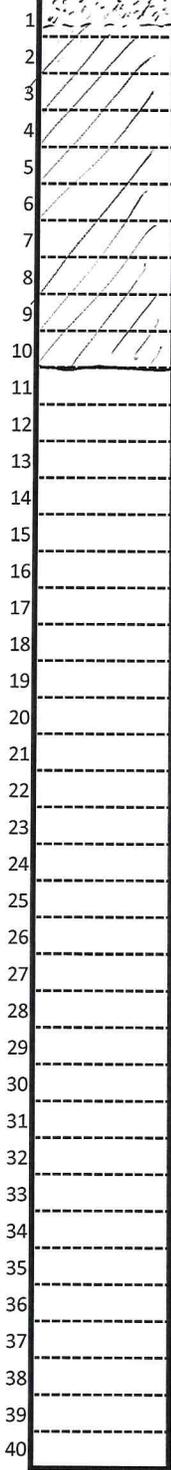
Date: 8/4/20

Project: West Eunice Discharge Line Remediation

Project Number: 12891 Latitude: 32.30835 Longitude: -103.20269

Depth (ft. bgs)

Description



→ Compacted caliche (Road)  
 ↓  
Caliche & caliche dust/sand

# **Appendix C**

## **Laboratory Analytical Reports**



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

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July 24, 2020

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

RE: WEST EUNICE DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 07/23/20 14:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 1 7' (H001930-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.91	95.7	2.00	2.42	
Toluene*	<0.050	0.050	07/23/2020	ND	1.91	95.6	2.00	2.68	
Ethylbenzene*	<0.050	0.050	07/23/2020	ND	1.90	95.1	2.00	3.01	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.48	91.3	6.00	3.02	
Total BTEX	<0.300	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/24/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 79.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.1 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 2 7' (H001930-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.91	95.7	2.00	2.42	
Toluene*	<0.050	0.050	07/23/2020	ND	1.91	95.6	2.00	2.68	
Ethylbenzene*	<0.050	0.050	07/23/2020	ND	1.90	95.1	2.00	3.01	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.48	91.3	6.00	3.02	
Total BTEX	<0.300	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 78.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.4 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 3 7' (H001930-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.91	95.7	2.00	2.42	
Toluene*	<0.050	0.050	07/23/2020	ND	1.91	95.6	2.00	2.68	
<b>Ethylbenzene*</b>	<b>0.074</b>	0.050	07/23/2020	ND	1.90	95.1	2.00	3.01	
<b>Total Xylenes*</b>	<b>0.231</b>	0.150	07/23/2020	ND	5.48	91.3	6.00	3.02	
<b>Total BTEX</b>	<b>0.305</b>	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>272</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 4 7' (H001930-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.91	95.7	2.00	2.42	
<b>Toluene*</b>	<b>0.076</b>	0.050	07/23/2020	ND	1.91	95.6	2.00	2.68	
<b>Ethylbenzene*</b>	<b>0.183</b>	0.050	07/23/2020	ND	1.90	95.1	2.00	3.01	
<b>Total Xylenes*</b>	<b>0.620</b>	0.150	07/23/2020	ND	5.48	91.3	6.00	3.02	
<b>Total BTEX</b>	<b>0.879</b>	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>496</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>11.5</b>	10.0	07/23/2020	ND	199	99.7	200	0.484	
<b>DRO &gt;C10-C28*</b>	<b>13.7</b>	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 110 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 5 7' (H001930-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
Toluene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
Ethylbenzene*	<0.050	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
Total BTEX	<0.300	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 94.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 6 7' (H001930-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
Toluene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
Ethylbenzene*	<0.050	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
Total BTEX	<0.300	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 7 7' (H001930-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.121</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>0.266</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>0.056</b>	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>0.443</b>	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>320</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.2 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 8 7' (H001930-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>1.33</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>2.65</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>0.449</b>	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>0.754</b>	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>5.18</b>	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 73.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.2 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 9 7' (H001930-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>180</b>	10.0	07/24/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>754</b>	10.0	07/24/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>211</b>	10.0	07/24/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>360</b>	30.0	07/24/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>1500</b>	60.0	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>544</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>22500</b>	100	07/24/2020	ND	199	99.7	200	0.484	
<b>DRO &gt;C10-C28*</b>	<b>278</b>	100	07/24/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<100	100	07/24/2020	ND					

Surrogate: 1-Chlorooctane 130 % 44.3-144

Surrogate: 1-Chlorooctadecane 123 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 10 7' (H001930-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>39.4</b>	5.00	07/24/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>316</b>	5.00	07/24/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>121</b>	5.00	07/24/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>214</b>	15.0	07/24/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>690</b>	30.0	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>448</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>8030</b>	10.0	07/23/2020	ND	199	99.7	200	0.484	
<b>DRO &gt;C10-C28*</b>	<b>37.2</b>	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 11 7' (H001930-11)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.707</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>9.82</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>9.51</b>	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>23.9</b>	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>44.0</b>	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 195 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>480</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>420</b>	10.0	07/23/2020	ND	199	99.7	200	0.484	
<b>DRO &gt;C10-C28*</b>	<b>27.5</b>	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 97.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 12 7' (H001930-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>0.059</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>0.063</b>	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>0.162</b>	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
Total BTEX	<0.300	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 13 7' (H001930-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>3.86</b>	0.500	07/24/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>59.9</b>	0.500	07/24/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>33.5</b>	0.500	07/24/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>65.3</b>	1.50	07/24/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>163</b>	3.00	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1720</b>	10.0	07/23/2020	ND	199	99.7	200	0.484	
<b>DRO &gt;C10-C28*</b>	<b>34.6</b>	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 14 7' (H001930-14)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.616</b>	0.200	07/24/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>12.2</b>	0.200	07/24/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>11.5</b>	0.200	07/24/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>24.3</b>	0.600	07/24/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>48.6</b>	1.20	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>512</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>479</b>	10.0	07/23/2020	ND	199	99.7	200	0.484	
<b>DRO &gt;C10-C28*</b>	<b>38.5</b>	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 15 7' (H001930-15)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>4.18</b>	1.00	07/24/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>52.8</b>	1.00	07/24/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>28.8</b>	1.00	07/24/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>53.9</b>	3.00	07/24/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>140</b>	6.00	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>400</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1110</b>	10.0	07/23/2020	ND	199	99.7	200	0.484	
<b>DRO &gt;C10-C28*</b>	<b>49.8</b>	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 91.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: V 16 7' (H001930-16)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.413</b>	0.200	07/24/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>5.36</b>	0.200	07/24/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>4.41</b>	0.200	07/24/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>9.55</b>	0.600	07/24/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>19.7</b>	1.20	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>320</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>146</b>	10.0	07/23/2020	ND	199	99.7	200	0.484	
<b>DRO &gt;C10-C28*</b>	<b>13.1</b>	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.9 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: H 1 4' (H001930-17)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>0.060</b>	0.050	07/24/2020	ND	1.97	98.5	2.00	0.481	
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/24/2020	ND	5.78	96.4	6.00	0.0508	
Total BTEX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 97.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: H 1.1 4' (H001930-18)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2020	ND	1.97	98.5	2.00	0.185	
Toluene*	<0.050	0.050	07/24/2020	ND	1.97	98.5	2.00	0.481	
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/24/2020	ND	5.78	96.4	6.00	0.0508	
Total BTEX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 94.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.3 % 42.2-156

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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: H 1.2 4' (H001930-19)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
Toluene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
Ethylbenzene*	<0.050	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
Total BTEX	<0.300	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: H 2 4' (H001930-20)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>0.064</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
Ethylbenzene*	<0.050	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
Total BTEX	<0.300	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	199	99.7	200	0.484	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	234	117	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: H 3 4' (H001930-21)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.079	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
Toluene*	0.231	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
Ethylbenzene*	0.067	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>0.377</b>	<b>0.300</b>	<b>07/23/2020</b>	<b>ND</b>					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2020	ND	208	104	200	0.217	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	192	96.2	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.5 % 42.2-156

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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: H 3.1 4' (H001930-22)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.221</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>0.573</b>	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>0.101</b>	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>0.895</b>	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>28.5</b>	10.0	07/23/2020	ND	208	104	200	0.217	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	192	96.2	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: H 3.2 4' (H001930-23)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>44.4</b>	2.00	07/24/2020	ND	1.97	98.5	2.00	0.185	
<b>Toluene*</b>	<b>269</b>	2.00	07/24/2020	ND	1.97	98.5	2.00	0.481	
<b>Ethylbenzene*</b>	<b>79.6</b>	2.00	07/24/2020	ND	2.00	100	2.00	0.0295	
<b>Total Xylenes*</b>	<b>137</b>	6.00	07/24/2020	ND	5.78	96.4	6.00	0.0508	
<b>Total BTEX</b>	<b>530</b>	12.0	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>6720</b>	10.0	07/23/2020	ND	208	104	200	0.217	
<b>DRO &gt;C10-C28*</b>	<b>31.2</b>	10.0	07/23/2020	ND	192	96.2	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 96.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/23/2020	Sampling Date:	07/23/2020
Reported:	07/24/2020	Sampling Type:	Soil
Project Name:	WEST EUNICE DISCHARGE	Sampling Condition:	Cool & Intact
Project Number:	32.308381-103.202841	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: H 4 4' (H001930-24)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.185	
Toluene*	<0.050	0.050	07/23/2020	ND	1.97	98.5	2.00	0.481	
Ethylbenzene*	<0.050	0.050	07/23/2020	ND	2.00	100	2.00	0.0295	
Total Xylenes*	<0.150	0.150	07/23/2020	ND	5.78	96.4	6.00	0.0508	
Total BTEX	<0.300	0.300	07/23/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.0	10.0	07/23/2020	ND	208	104	200	0.217	
DRO >C10-C28*	<10.0	10.0	07/23/2020	ND	192	96.2	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/23/2020	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-144

Surrogate: 1-Chlorooctadecane 113 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND             Analyte NOT DETECTED at or above the reporting limit
- RPD            Relative Percent Difference
- \*\*              Samples not received at proper temperature of 6°C or below.
- \*\*\*             Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>ETC</b>		P.O. #:		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>					
Project Manager: <b>Dawn Ericson</b>		Company:									
Address:		Attn:									
City:		Address:									
Phone #:		City:									
Project #:		State:									
Project Name: <b>West Eunice Discharge</b>		Zip:									
Project Location: <b>32, 308381 -103, 202841</b>		Phone #:									
Sampler Name: <b>Stephen Spaul</b>		Fax #:									
FOR LAB USE ONLY		PRESERV.		SAMPLING							
Lab I.D. <b>H001930</b>		Sample I.D.									
1 V1 7'		(G)RAB OR (C)OMP.									
2 V2 7'		# CONTAINERS									
3 V3 7'		GROUNDWATER									
4 V4 7'		WASTEWATER									
5 V5 7'		SOIL									
6 V6 7'		OIL									
7 V7 7'		SLUDGE									
8 V8 7'		OTHER :									
9 V9 7'		ACID/BASE:									
10 V10 7'		ICE / COOL									
		OTHER :									
		DATE		7-23							
		TIME									
		CL									
		BTEX									
		TPH									

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Relinquished By: <b>Stephen Spaul</b>	Date: <b>7-23</b>	Received By: <b>Jamara Chabot</b>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
Time: <b>1425</b>	Date: <b>7-23</b>	Received By: <b>Jamara Chabot</b>	All Results are emailed. Please provide Email address:
Time:	Date:	Received By:	REMARKS: <b>Nm Rush</b>

Delivered By: (Circle One)	Observed Temp. °C <b>2.7</b>	Sample Condition	CHECKED BY: (Initials) <b>AS</b>	Turnaround Time: <b>Standard</b>	Thermometer ID #113	Bacteria (only) <input checked="" type="checkbox"/>	Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	Correction Factor None	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Observed Temp. °C
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temp. °C

FORW-006 Rev. 11/09/04/20

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabsnm.com





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: ETC P.O. #: \_\_\_\_\_  
 Project Manager: Kyan Ericson Company: \_\_\_\_\_  
 Address: \_\_\_\_\_ Attn: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 Project Name: West Eunice Discharge City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Location: 32, 308381 -103, 202841 Phone #: \_\_\_\_\_  
 Sampler Name: Stephan Spruiell Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<u>H001930</u>												
	<u>01 H3 Y'</u>											
	<u>02 H3.1 Y'</u>											
	<u>03 H3.2 Y'</u>											
	<u>04 H4 Y'</u>											

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Relinquished By: Stephan Spruiell Date: 9-23 Received By: [Signature]  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_

Delivered By: (Circle One) UPS Observed Temp. °C 27 Sample Condition Intact CHECKED BY: [Signature]  
 Sampler - UPS - Bus - Other: \_\_\_\_\_ Corrected Temp. °C \_\_\_\_\_ Cool  Intact  Yes  No  Yes  No

REMARKS: NW Rush  
 Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: \_\_\_\_\_  
 Turnaround Time: \_\_\_\_\_ Standard  Rush   
 Thermometer ID #113 Bacteria (only)  Cool  Intact  Yes  No  Yes  No  
 Correction Factor None Sample Condition Observed Temp. °C Corrected Temp. °C



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---

August 05, 2020

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

RE: WEST EUNICE DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 08/04/20 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/04/2020  
 Reported: 08/05/2020  
 Project Name: WEST EUNICE DISCHARGE  
 Project Number: 16 IN  
 Project Location: NEW MEXICO 32.308381-103.202841

Sampling Date: 08/04/2020  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V 9 10' (H002014-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2020	ND	1.89	94.6	2.00	1.90	
Toluene*	<0.050	0.050	08/04/2020	ND	1.83	91.3	2.00	2.39	
Ethylbenzene*	<0.050	0.050	08/04/2020	ND	1.84	92.1	2.00	2.67	
Total Xylenes*	<0.150	0.150	08/04/2020	ND	5.35	89.1	6.00	2.71	
Total BTEX	<0.300	0.300	08/04/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2020	ND	204	102	200	2.73	
DRO >C10-C28*	<10.0	10.0	08/04/2020	ND	215	107	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	08/04/2020	ND					

Surrogate: 1-Chlorooctane 93.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/04/2020  
 Reported: 08/05/2020  
 Project Name: WEST EUNICE DISCHARGE  
 Project Number: 16 IN  
 Project Location: NEW MEXICO 32.308381-103.202841

Sampling Date: 08/04/2020  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V 10 10' (H002014-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/04/2020	ND	1.89	94.6	2.00	1.90		
Toluene*	<0.050	0.050	08/04/2020	ND	1.83	91.3	2.00	2.39		
Ethylbenzene*	<0.050	0.050	08/04/2020	ND	1.84	92.1	2.00	2.67		
Total Xylenes*	<0.150	0.150	08/04/2020	ND	5.35	89.1	6.00	2.71		
Total BTEX	<0.300	0.300	08/04/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/04/2020	ND	204	102	200	2.73		
DRO >C10-C28*	<10.0	10.0	08/04/2020	ND	215	107	200	4.39		
EXT DRO >C28-C36	<10.0	10.0	08/04/2020	ND						

Surrogate: 1-Chlorooctane 80.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.8 % 42.2-156

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**Analytical Results For:**

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

Received: 08/04/2020  
 Reported: 08/05/2020  
 Project Name: WEST EUNICE DISCHARGE  
 Project Number: 16 IN  
 Project Location: NEW MEXICO 32.308381-103.202841

Sampling Date: 08/04/2020  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V 13 10' (H002014-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/04/2020	ND	1.89	94.6	2.00	1.90		
Toluene*	<0.050	0.050	08/04/2020	ND	1.83	91.3	2.00	2.39		
Ethylbenzene*	<0.050	0.050	08/04/2020	ND	1.84	92.1	2.00	2.67		
Total Xylenes*	<0.150	0.150	08/04/2020	ND	5.35	89.1	6.00	2.71		
Total BTEX	<0.300	0.300	08/04/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/04/2020	ND	204	102	200	2.73		
DRO >C10-C28*	<10.0	10.0	08/04/2020	ND	215	107	200	4.39		
EXT DRO >C28-C36	<10.0	10.0	08/04/2020	ND						

Surrogate: 1-Chlorooctane 78.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.5 % 42.2-156

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**Analytical Results For:**

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

Received: 08/04/2020  
 Reported: 08/05/2020  
 Project Name: WEST EUNICE DISCHARGE  
 Project Number: 16 IN  
 Project Location: NEW MEXICO 32.308381-103.202841

Sampling Date: 08/04/2020  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V 15 10' (H002014-04)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/04/2020	ND	1.89	94.6	2.00	1.90		
Toluene*	<0.050	0.050	08/04/2020	ND	1.83	91.3	2.00	2.39		
Ethylbenzene*	<0.050	0.050	08/04/2020	ND	1.84	92.1	2.00	2.67		
Total Xylenes*	<0.150	0.150	08/04/2020	ND	5.35	89.1	6.00	2.71		
Total BTEX	<0.300	0.300	08/04/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/04/2020	ND	204	102	200	2.73		
DRO >C10-C28*	<10.0	10.0	08/04/2020	ND	215	107	200	4.39		
EXT DRO >C28-C36	<10.0	10.0	08/04/2020	ND						

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.6 % 42.2-156

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**Analytical Results For:**

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

Received: 08/04/2020  
 Reported: 08/05/2020  
 Project Name: WEST EUNICE DISCHARGE  
 Project Number: 16 IN  
 Project Location: NEW MEXICO 32.308381-103.202841

Sampling Date: 08/04/2020  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H 3.2 6' (H002014-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2020	ND	1.89	94.6	2.00	1.90	
Toluene*	<0.050	0.050	08/04/2020	ND	1.83	91.3	2.00	2.39	
Ethylbenzene*	<0.050	0.050	08/04/2020	ND	1.84	92.1	2.00	2.67	
Total Xylenes*	<0.150	0.150	08/04/2020	ND	5.35	89.1	6.00	2.71	
Total BTEX	<0.300	0.300	08/04/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2020	ND	204	102	200	2.73	
DRO >C10-C28*	<10.0	10.0	08/04/2020	ND	215	107	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	08/04/2020	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*Celey D. Keene*

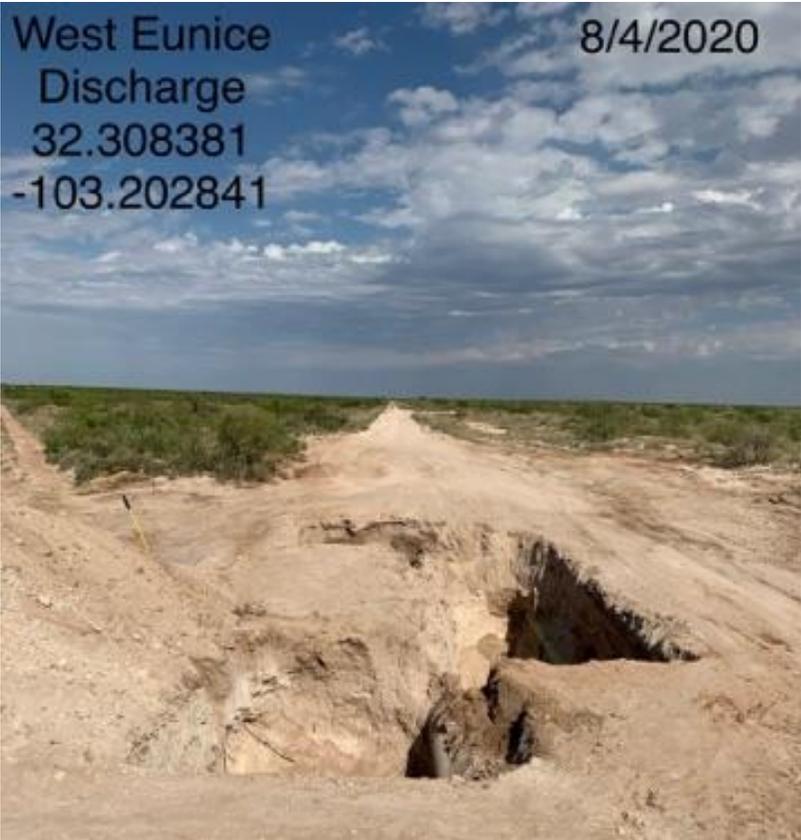
Celey D. Keene, Lab Director/Quality Manager



# **Appendix D**

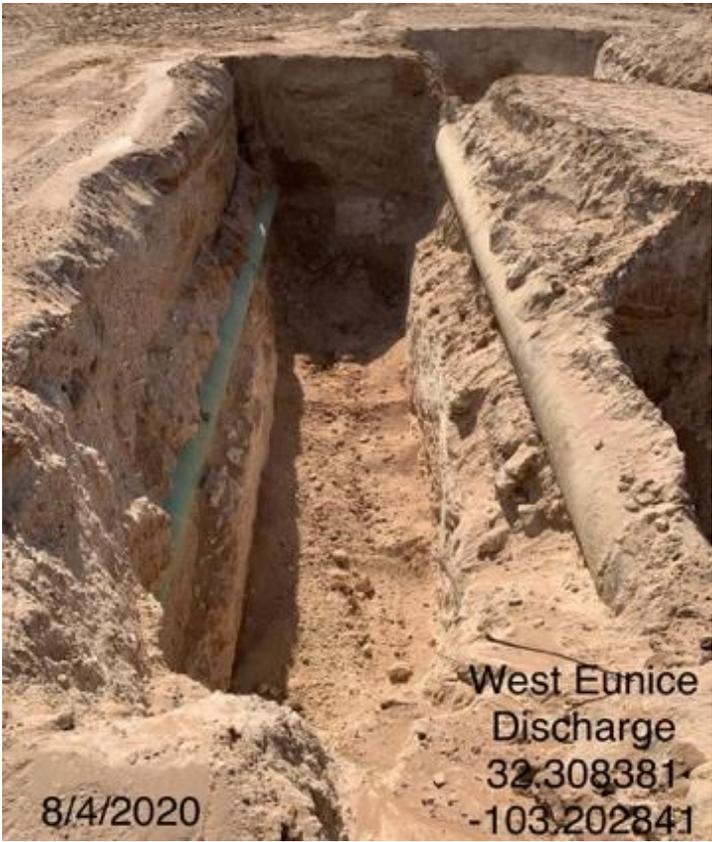
## **Photographic Log**

Photographic Log

<b>Photo Number:</b> 1	
<b>Photo Direction:</b> West	
<b>Photo Description:</b>  Excavated area.	

<b>Photo Number:</b> 2	
<b>Photo Direction:</b> West	
<b>Photo Description:</b>  Excavated pipeline.	

### Photographic Log

<b>Photo Number:</b> 3	
<b>Photo Direction:</b> East	
<b>Photo Description:</b>  Excavated pipeline.	

<b>Photo Number:</b> 4	
<b>Photo Direction:</b> East	
<b>Photo Description:</b>  Excavated area.	

Photographic Log

<b>Photo Number:</b> 5	
<b>Photo Direction:</b> East	
<b>Photo Description:</b>  Excavated pipeline.	

<b>Photo Number:</b> 6	
<b>Photo Direction:</b> South	
<b>Photo Description:</b>  Excavation area after backfill and grading.	

Photographic Log

<b>Photo Number:</b> 7	<b>West Eunice</b> <b>Discharge</b> <b>32.301381</b> <b>-103.202841</b> <b>8/5/2020</b> 
<b>Photo Direction:</b> East	
<b>Photo Description:</b>  Excavation area after backfill and grading.	

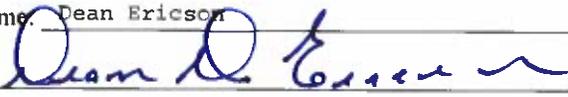
<b>Photo Number:</b> 8	<b>West Eunice</b> <b>Discharge</b> <b>32.301381</b> <b>-103.202841</b> <b>8/5/2020</b> 
<b>Photo Direction:</b> West	
<b>Photo Description:</b>  Excavation area after backfill and grading.	

State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: Dean Ericson Title: Sr. Environmental Specialist

Signature:  Date: 9/16/20

email: Dean.Ericson@energytransfer.com Telephone: (817) 302-9573

**OCD Only**

Received by: \_\_\_\_\_ 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: Dean Ericson Title: Sr. Environmental Specialist  
 Signature:  Date: 9/16/20  
 email: Dean.Ericson@energytransfer.com Telephone: (817) 302-9573

**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: \_\_\_\_\_

Incident ID	NRM2021857585
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.

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Printed Name: Dean Ericson Title: Sr. Environmental Specialist  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 email: Dean.Ericson@energytransfer.com Telephone: (817) 302-9573

**OCD Only**

Received by: Robert Hamlet Date: 3/1/2021

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: Robert Hamlet Date: 3/1/2021  
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 10217

**CONDITIONS OF APPROVAL**

Operator: ETC TEXAS PIPELINE, LTD. Suite 600 Dallas, TX75225	8111 Westchester Drive	OGRID: 371183	Action Number: 10217	Action Type: C-141
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OCD Reviewer	Condition
rhamlet	We have received your closure report and final C-141 for Incident #NRM2021857585 WEST EUNICE DISCHARGE PIPELINE, thank you. This closure is approved.