	Page 1 of 5	5
Incident ID	nRM2033538690	
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?	(ft bgs)
Did this release impact groundwater or surface water?	☐ Yes 🗹 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🗸 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes 🗸 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🗹 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes 🗹 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes 🗸 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🗹 No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes 🗸 No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes 🗸 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes 🗹 No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes 🗹 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	✓ Yes ☐ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil

containmation associated with the release have been determined. Refer to 19.13.29.11 MMAC for specifics.
Characterization Report Checklist: Each of the following items must be included in the report.
<ul> <li>✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>✓ Field data</li> <li>✓ Data table of soil contaminant concentration data</li> <li>✓ Depth to water determination</li> <li>✓ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>✓ Boring or excavation logs</li> <li>✓ Photographs including date and GIS information</li> <li>✓ Topographic/Aerial maps</li> <li>✓ Laboratory data including chain of custody</li> </ul>
$\epsilon$

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.

Received by OCD: 12/8/2020 2:51:00 PM State of New Mexico
Page 4 Oil Conservation Division

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Incident ID	nRM2033538690	
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: Lyanne Lara	Title: Environmental Specialist						
Signature: Tyunne fau	Date: 12/8/2020						
email: lyanne.lara@energytransfer.com Telephone: (432)425-5710							
OCD Only							
Received by: Cristina Eads	Date: 12/08/2020						

	Page 3 of 5	55
Incident ID	nRM2033538690	
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 photomust be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
✓ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance o should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
Plana of Paris	
Signature: Lyunne fan	Date: 12/8/2020
email: lyanne.lara@energytransfer.com	Telephone: (432)425-5710
OCD Only	
Received by: Cristina Eads	Date: 12/08/2020
	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.
Closure Approved by:	Date: 02/19/2021
Printed Name: Cristina Eads	Title: Environmental Specialist

# Remediation Summary and Soil Closure Request

### Sunoco Partners Marketing & Terminals, LP Whitehorn Road

Eddy County, New Mexico
Unit Letter D, Section 15, Township 26 South, Range 29 East
Latitude 32.04886 North, Longitude 103.98002 West
NMOCD Reference No. nRM2033538690

Prepared By:

Etech Environmental & Safety Solutions, Inc.

3100 Plains Highway Lovington, New Mexico 88260

Ben J. Arguijo

Joel W. Lowry



Midland • San Antonio • Lubbock • Lovington • Lafayette

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RESTORATION, RECLAMATION AND RE-VEGETATION PLAN	5 <b>.</b> 0
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Figure 2 - Aerial Proximity Map

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### **APPENDICES**

Appendix A - Depth to Groundwater Information

Appendix B - Field Data and Soil Profile Logs

Appendix C - Laboratory Analytical Reports

Appendix D - Photographic Log

### 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Sunoco Partners Marketing & Terminals, LP, has prepared this Remediation Summary and Soil Closure Request for the release site known as Whitehorn Road. Details of the release are summarized below:

	Locat	tion of Release Sou	ırce			
Latitude:	32.04886	Longitude:	-103.98002			
	Prov	vided GPS are in WGS84 forma	at.			
Site Name: Whitehorn Road Site Type: County/Lease Road (Truck Spill)						
Date Release Discovered: 11/3/2020 API # (if applicable): N/A						
Unit Letter Se	ction Township	Range	County			
D	15 26S	29E	Eddy			
Surface Owner: St	ate X Federal Trib	al Private (Namand Volume of R				
X Crude Oil	Volume Released (bbls)	16	Volume Recovered (bbls) 6			
Produced Water	Volume Released (bbls)		Volume Recovered (bbls)			
Is the concentration of total dissolved solids (TDS) in the produced water $> 10,000 \text{ mg/L}$ ?						
Condensate Volume Released (bbls) Volume Recovered (bbls)						
Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)			
Other (describe)	Volume/Weight Released		Volume/Weight Recovered			
_		_	ease on Whitehorn Road. Based on volumetric ximately 16 bbls of crude oil was released.			
		Initial Response				
X The source of the	release has been stopped.					
X The impacted area	has been secured to protect h	uman health and the env	vironment.			
X Release materials	have been contained via the u	se of berms or dikes, ab	sorbent pad, or other containment devices			
X All free liquids and	recoverable materials have b	neen removed and manag	ged 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?	120 feet		
Did the release impact groundwater or surface water?	Yes	X No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes	X No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes	X No	
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes	X No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes	X No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes	X No	
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes	X No	
Are the lateral extents of the release within 300 feet of a wetland?	Yes	X No	
Are the lateral extents of the release overlying a subsurface mine?	Yes	X No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes	X No	
Are the lateral extents of the release within a 100-year floodplain?	Yes	X No	
Did the release impact areas not on an exploration, development, production or storage site?	X Yes	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 in Figures 1, 2, 4, and 5.

### 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 and Reclamation Standards for the site are as follows:

Probable Depth to Groundwater	Constituent	Closure Criteria	Reclamation Standard*	
	Chloride	EPA 300.0 or SM4500 Cl B	20,000 mg/kg	600 mg/kg
95 feet	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	2,500 mg/kg	100 mg/kg
	DRO + GRO	EPA SW-846 Method 8015M	1,000 mg/kg	-
	BTEX	EPA SW-846 Methods 8021b or 8260b	50 mg/kg	50 mg/kg
	Benzene	EPA SW-846 Methods 8021b or 8260b	10 mg/kg	10 mg/kg

<sup>\*</sup> The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas.

### 4.0 REMEDIATION ACTIVITIES SUMMARY

On November 17, 2020, remediation activities commenced at the site. Olfactory/visual senses and/or a Photoionization Detector (PID) were utilized to determine the horizontal and vertical extent of soil impacts. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and stockpiled on-site, pending transfer to an NMOCD-approved surface waste facility for disposal.

Etech collected ten (10) excavation confirmation soil samples (FL-1 through FL-6, North, East, South, and West). The soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria and the NMOCD Reclamation Standard in each of the submitted soil samples. Laboratory analytical results also suggested the crude oil-only release commingled with an unrelated historical produced water release (or releases) of unknown date(s) and volume(s), based on elevated chloride concentrations in soil samples FL-4, FL-5, FL-6, East, South, and West.

On November 23, 2020, three (3) soil samples (BG-N, BG-S, and BG-W) were collected and submitted to the laboratory to determine the background concentrations of chloride in the area. Background soil samples BG-N and BG-S were collected outside the release margins, up-gradient and down-gradient, respectively, of the subject release. Background soil sample BG-W was collected outside of the release margins from within the bar-ditch on the west side of the caliche access road. Laboratory analytical results indicated background chloride concentrations ranged from 464 mg/kg in soil sample BG-N to 1,650 mg/kg in sample BG-W.

A "Site & Sample Location Map" is provided as Figure 3. A soil chemistry table is provided as Table 1. Field data and soil profile logs are provided in Appendix B. Laboratory analytical reports are provided in Appendix C. General photographs of the release site are provided in Appendix D.

The final dimensions of the excavated area were 185 feet in length, 3 to 4 feet in width, and 2 to 3 feet in depth. During the course of remediation activities, approximately 80 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, the excavated area was backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area was contoured and compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Affected areas not on lease roads will be reseeded with an agency-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. Laboratory analytical results and field test results indicated the crude oil-only release was fully delineated horizontally and vertically. Impacted soil affected above the NMOCD Closure Criteria, NMOCD Reclamation Standards, and/or background concentrations was excavated and transported to an NMOCD-approved disposal facility.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Sunoco Partners Marketing & Terminals, LP, provide copies of this *Remediation Summary and Soil Closure Request* to the appropriate agencies and request closure be granted to the Whitehorn Road release 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 Sunoco Partners Marketing & Terminals, LP. Use of the information contained in this report is prohibited without the consent of Etech and/or Sunoco Partners Marketing & Terminals, LP.

### 8.0 DISTRIBUTION

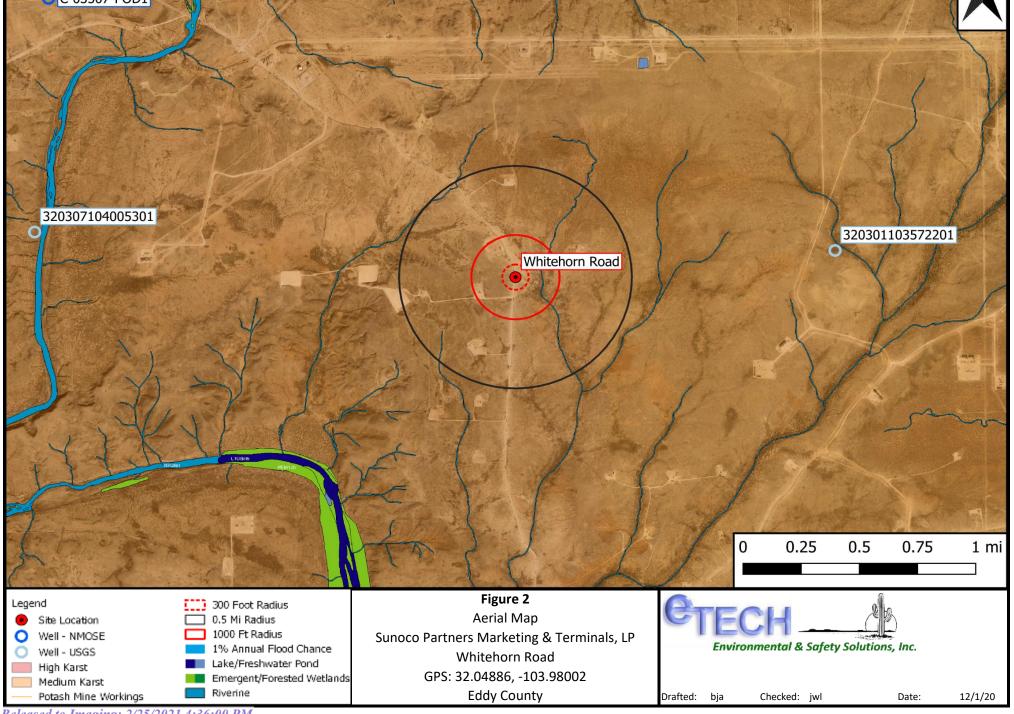
Sunoco Partners Marketing & Terminals, LP 600 N. Marienfield St., Suite 700 Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

(Electronic Submission)

# Figure 1 Topographic Map

# Figure 2 Aerial Proximity Map



# Figure 3 Site and Sample Location Map



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

### TABLE 1

### CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

### Sunoco Partners Marketing & Terminals, LP

### Whitehorn Road

### NMOCD Ref. #: nRM2033538690

NMO	NMOCD Closure Criteria 10 50 1,000 - 2,500							20,000			
NMOCD	Reclamation	Standard		10	,,,,,			_	100	600	
					5 8021B	SW 846 8015M Ext.					4500 Cl
Sample ID	Date	Depth	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL-1	11/17/2020	2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL-2	11/17/2020	2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL-3	11/17/2020	2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL-4	11/17/2020	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624
FL-5	11/17/2020	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL-6	11/17/2020	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
North	11/17/2020	0' - 3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
East	11/17/2020	0' - 3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,020
South	11/17/2020	0' - 3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,060
West	11/17/2020	0' - 3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
BG-N	11/23/2020	Surface	In-Situ	-	-	-	-	-	-	-	464
BG-S	11/23/2020	Surface	In-Situ	-	-	-	-	-	-	-	736
BG-W	11/23/2020	Surface	In-Situ	-	-	-	-	-	-	-	1,650

# Appendix A Depth to Groundwater Information

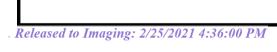
Whitehorn Road GPS: 32.04886, -103.98002 Eddy County **Environmental & Safety Solutions, Inc.** 

Date:

12/4/20

Checked: jwl

Drafted: bja





# 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

		Sub-		Q	Q (	Q							W	ater
<b>POD Number</b>	Code	basin	County	64	16	4 Se	c Tws	Rng	X	Y	DistanceDep	othWellDep	thWater Co	lumn
C 01354 X-3		CUB	ED	2	1 .	3 23	26S	29E	598323	3543837	3195	170		
C 03507 POD1		C	ED	1	3	3 05	26S	29E	593064	3548313	3802	140	78	62
C 03508 POD1		C	ED	1	3	3 05	26S	29E	593063	3548361	3828	140	75	65
C 03605 POD1		CUB	ED	4	2	3 27	26S	29E	596990	3541983	4378	45	0	45

Average Depth to Water: 51 feet

Minimum Depth: 0 feet

Maximum Depth: 78 feet

**Record Count:** 4

<u>UTMNAD83 Radius Search (in meters):</u>

**Easting (X):** 596293.68 **Northing (Y):** 3546306.33 **Radius:** 4830

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

11/12/20 11:58 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# **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

C 03507 POD1

3 05 26S 29E

593064

3548313

Y

**Driller License:** 

**Drill Start Date:** 

1058

**Driller Company:** 

KEY'S DRILLING & PUMP SERVICE

**Driller Name:** 

KEY, CLINTON

08/26/2011 **Drill Finish Date:**  08/26/2011

**Plug Date:** 

Shallow

Log File Date:

09/12/2011

**PCW Rcv Date:** 

Source:

**Pump Type:** 

**SUBMER** 

Pipe Discharge Size:

**Estimated Yield:** 

35 GPM

**Casing Size:** 

6.00

**Depth Well:** 

140 feet

**Depth Water:** 

78 feet

**Water Bearing Stratifications:** 

**Top Bottom Description** 

Shale/Mudstone/Siltstone

78 105

Sandstone/Gravel/Conglomerate

**Casing Perforations:** 

Top Bottom

75 112

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

11/12/20 11:58 AM

POINT OF DIVERSION SUMMARY



# **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

C 03508 POD1

3 05 26S 29E

593063 3548361

Y

**Driller License:** 

1058

**Driller Company:** 

KEY'S DRILLING & PUMP SERVICE

**Driller Name:** 

KEY, CLINTON

**Drill Start Date:** 

08/24/2011

**Drill Finish Date:** 

08/24/2011

**Plug Date:** 

Shallow

**Log File Date:** 

09/12/2011

**PCW Rcv Date:** 

Source:

**Pump Type:** 

**SUBMER** 

Pipe Discharge Size:

**Estimated Yield:** 

40 GPM

**Casing Size:** 

6.00

**Depth Well:** 

140 feet

**Depth Water:** 

75 feet

**Water Bearing Stratifications:** 

**Top Bottom Description** 

75

76 Shale/Mudstone/Siltstone

**Casing Perforations:** 

Top Bottom

65 105

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

11/12/20 11:58 AM

POINT OF DIVERSION SUMMARY



# **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

C 03605 POD1

3 27 26S 29E 596990 3541983

Y

**Driller License:** 

1249

**Driller Company:** 

ATKINS ENGINEERING ASSOC. INC.

**Driller Name:** 

ATKINS, JACKIE D. (LD)

**Drill Start Date:** 

01/23/2013

**Drill Finish Date:** 

01/23/2013

Plug Date:

01/28/2013

**Log File Date:** 

02/26/2013

**PCW Rcv Date:** 

Pipe Discharge Size:

Source:

**Estimated Yield:** 

**Pump Type: Casing Size:** 

Depth Well:

45 feet

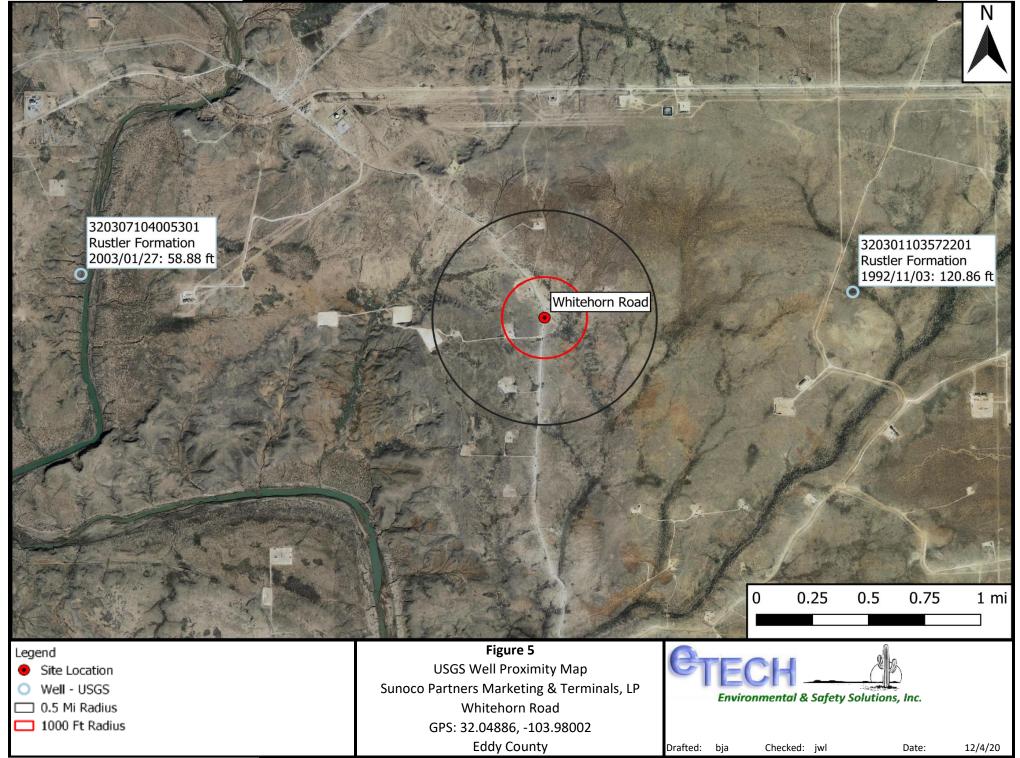
Depth Water:

0 feet

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

11/12/20 11:58 AM

POINT OF DIVERSION SUMMARY



U

U

U

U

### **National Water Information System: Web Interface**

**USGS** Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO
				$\overline{}$

### Click to hideNews Bulletins

- UPDATE November 6, 2020 5:00 pm ET: A fix has been deployed for the issue impacting the delivery of real-time data to NWISWeb which occurred on November 1, 2020. Any remaining gaps in web display are being filled at this time. We apologize for any inconvenience this may
- Explore the NEW <u>USGS National Water Dashboard</u> to access real-time data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

### Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 320301103572201

### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

### USGS 320301103572201 26S.29E.16.213241

Table of data Tab-separated data

1949-01-03

1977-03-09

1978-01-17

1987-10-14

1992-11-03

Eddy County, New Mexico Latitude 32°03'01", Longitude 103°57'22" NAD27

Land-surface elevation 2,958 feet above NAVD88

The depth of the well is 335 feet below land surface.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

D

D

D

D

125.03

124.85

123.62

121.54

120.86

### **Output formats**

Graph of da	aph of data										
Reselect pe	eriod										
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	? Wate level appr state

2

2

2

2

U

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Fvr	ılan:	ation
	Jiaiie	ation

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	S	Steel-tape measurement.	
Method of measurement . Released to Imaging: 2/25/2021 4:36:00	<i>PM</i> U	Unknown method.	

Received by OCD: 12/8/2020 2:51:00 Pl	M—————————————————————————————————————	Description	Page 27 of 55
Measuring agency		Not determined	
Source of measurement	U	Source is unknown.	
Water-level approval status	А	Approved for publication Processing and review completed.	

Questions about sites/data? Feedback on this web site **Automated retrievals** <u>Help</u> Data Tips
Explanation of terms Subscribe for system changes **News** 

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2020-11-12 13:55:15 EST

0.27 0.25 nadww01

USA.gov

### **National Water Information System: Web Interface**

**USGS** Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

### Click to hideNews Bulletins

- UPDATE November 6, 2020 5:00 pm ET: A fix has been deployed for the issue impacting the delivery of real-time data to NWISWeb which occurred on November 1, 2020. Any remaining gaps in web display are being filled at this time. We apologize for any inconvenience this may have caused.
- Explore the NEW USGS National Water Dashboard to access real-time data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

### Search Results -- 1 sites found

Agency code = usqs site\_no list =

• 320307104005301

### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

### USGS 320307104005301 26S.28E.13.11214

Table of data Tab-separated data Graph of data

Eddy County, New Mexico Latitude 32°03'07", Longitude 104°00'53" NAD27

Land-surface elevation 2,858 feet above NAVD88

This well is completed in the Rustler Formation (312RSLR) local aquifer.

### **Output formats**

Reselect peri	<u>iod</u>										
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	? Wat leve app stat
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1975-12-09		D	59.49			2	2	U	ı	ı	U
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1977-01-13		D	54.33			2	2	U	ı	ı	U
1978-02-23		D	56.75			2	2	U	ı		U
1983-01-26		D	53.10			2	2	U	ı	(	U
1987-10-14		D	55.14			2	2	U	ı	ı	U
1988-03-22		D	57.73			2	2	U	ı	ı	U
1993-01-05		D	59.83			2	2	S	;	(	U
1998-01-22		D	53.45			2	2	S	5	ı	U
2003-01-27		D	58.88			2	2	S	USG!	5	A

Received by OCD: 12/8/2020 2:	51-00 PM —		Page 29 of 55
Section	Code	Description	1 uge 27 0j 35
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	S	Steel-tape measurement.	
Method of measurement	U	Unknown method.	
Measuring agency		Not determined	
Measuring agency	USGS	U.S. Geological Survey	
Source of measurement	А	Reported by another government agency (do not use "A" if reported by owner, use "O").	
Source of measurement	U	Source is unknown.	
Water-level approval status	Α	Approved for publication Processing and review completed.	

Questions about sites/data? Feedback on this web site **Automated retrievals** <u>Help</u> Data Tips **Explanation of terms** Subscribe for system changes News

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U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

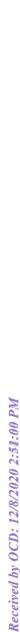
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2020-11-12 13:55:13 EST

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## Appendix B Field Data and Soil Profile Logs





Date:	TECH		Initial Release Assessment Form							
Notes: Heavy Traffic & Sea distance to Steehale On Jacotton  Plength: 185' "Width: 3-4" "Area: MA "Depth: 2-3"  Yes No B-4 Representative Pictures of the Affected Area including sample locations?  Vecessary Samples Field Screened and on Ice?	Environmental & Safety Solutions, Inc.									
Notes: Heavy Traffic & Isea distance to Stockfile on a los-from  "Length: 185" "Width: 3-4" "Area: MA" "Depth: 2-3"  Yes No 3-4 Representative Pictures of the Affected Area including sample locations?  Plecessary Samples Field Screened and on Ice?	-		j zate. d							
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### Sample Log

					Date:		
Project:	Sunoco Truck R	elease					
Project Numb	er:	13427	Latitude:	32.04886	Longitude:	-103.98002	

Sample ID	PID/Odor	Chloride Conc.	GPS
Malabla		NA	
WW-1 EW-2-1 WW-8-1 South SW 9-1 FL-1 FL-2	10		
Ew-2-1	No		
WW-8-1	WO		
Foreth SW 9-1	NO		
FL - 1	NO		
FL -2	WO		
FL -3	No		
FL -4	No		
FL - 3	No NO	<b>**</b>	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1

**GPS Sample Points, Center of Comp Areas** 



# Soil Profile

		Date:						
oject: Sunoco Truc oject Number:	ck Release 13427	Latitude:	32.04886	Longitude:	-103.98002			
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# Appendix C Laboratory Analytical Reports



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

November 18, 2020

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SUNOCO TRUCK RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/17/20 16:35.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: 11/18/2020 Sampling Type: Soil Project Name: SUNOCO TRUCK RELEASE Sampling Condition:

Cool & Intact Project Number: 13427 Sample Received By: Tamara Oldaker

Project Location: ETC - EDDY CO NM

### Sample ID: FL - 1 (H003047-01)

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	11/18/2020	ND	1.93	96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	218	109	200	9.37	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	218	109	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	81.4 % 44.3-14		4						
Surrogate: 1-Chlorooctadecane	77.5	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: Sampling Type: Soil 11/18/2020

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact Sample Received By: Project Number: 13427 Tamara Oldaker

Project Location: ETC - EDDY CO NM

### Sample ID: FL - 2 (H003047-02)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2020	ND	1.93	96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	218	109	200	9.37	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	218	109	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	79.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	75.6	% 42.2-15	6						

### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: 11/18/2020 Sampling Type: Soil

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact
Project Number: 13427 Sample Received By: Tamara Oldaker

Project Location: ETC - EDDY CO NM

### Sample ID: FL - 3 (H003047-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2020	ND	1.93	96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	218	109	200	9.37	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	218	109	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	83.4	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	78.9	% 42.2-15	6						

### Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: 11/18/2020 Sampling Type: Soil

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact
Project Number: 13427 Sample Received By: Tamara Oldaker

Project Location: ETC - EDDY CO NM

### Sample ID: FL - 4 (H003047-04)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2020	ND	1.93	96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	218	109	200	9.37	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	218	109	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	80.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	76.4	% 42.2-15	6						

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### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: 11/18/2020 Sampling Type: Soil

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact
Project Number: 13427 Sample Received By: Tamara Oldaker

Project Location: ETC - EDDY CO NM

### Sample ID: FL - 5 (H003047-05)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2020	ND	1.93	96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	218	109	200	9.37	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	218	109	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	87.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	82.9	% 42.2-15	6						

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### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY

P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: Sampling Type: Soil 11/18/2020

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: 13427 Tamara Oldaker

Project Location: ETC - EDDY CO NM

### Sample ID: FL - 6 (H003047-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2020	ND	1.93	96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	218	109	200	9.37	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	218	109	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	84.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	80.2	% 42.2-15	6						

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### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: 11/18/2020 Sampling Type: Soil

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact
Project Number: 13427 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: ETC - EDDY CO NM

ma/ka

### Sample ID: NORTH (H003047-07)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2020	/18/2020 ND		96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	196	97.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	211	106	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	94.9	% 42.2-15	6						

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### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: 11/18/2020 Sampling Type: Soil

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact
Project Number: 13427 Sample Received By: Tamara Oldaker

Project Location: ETC - EDDY CO NM

### Sample ID: EAST (H003047-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2020	ND	1.93	96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	196	97.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	211	106	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	70.4	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	76.6	% 42.2-15	6						

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### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY

P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: Sampling Type: Soil 11/18/2020

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 13427 Sample Received By:

Applyzod By: MC

Project Location: ETC - EDDY CO NM

ma/ka

### Sample ID: SOUTH (H003047-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2020	ND	1.93	96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	196	97.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	211	106	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	92.2	% 42.2-15	6						

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### Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/17/2020 Sampling Date: 11/17/2020

Reported: 11/18/2020 Sampling Type: Soil

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact
Project Number: 13427 Sample Received By: Tamara Oldaker

Project Location: ETC - EDDY CO NM

### Sample ID: WEST (H003047-10)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2020	ND	1.93	96.5	2.00	5.03	
Toluene*	<0.050	0.050	11/18/2020	ND	1.86	92.8	2.00	5.05	
Ethylbenzene*	<0.050	0.050	11/18/2020	ND	1.94	96.9	2.00	5.11	
Total Xylenes*	<0.150	0.150	11/18/2020	ND	5.57	92.8	6.00	4.79	
Total BTEX	<0.300	0.300	11/18/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	11/18/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2020	ND	196	97.8	200	11.8	
DRO >C10-C28*	<10.0	10.0	11/18/2020	ND	211	106	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	11/18/2020	ND					
Surrogate: 1-Chlorooctane	81.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	89.5	% 42.2-15	6						

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### **Notes and Definitions**

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC

batch were accepted based on percent recoveries and completeness of QC data.

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. Keine

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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	e: Etech Environmental & Safety Solu	itions	, In	C.				8		9	8/	LL TO						A	IAL	YSI	S R	EQI	UES	Т			
Project Manage	er: Joel Lowry							P.(	D. #.	:						Π						T	$\top$				
Address: P.0	D. Box 301							Co	mpa	any:		ETC C/O F	Ryan Reich														
City: Lovingt	on State: NM	Zip	: 88	3260				Att	n:							1											
Phone #: (57	75) 396-2378 Fax #: (575)	396-	1429	9				Ad	dres	ss:																	
Project #: 134	Project Owner	r:	E	ГС				Cit	y:							1_											
Project Name:	Sunoco Truck Release							Sta	ite:			Zip:		<u>_</u>	TPH (8015M)	RTEX (8021B)					1						
Project Location	n: Rural Eddy, NM							Ph	one	#:				Chloride	801	80%											
Sampler Name	: Dustin Crockett							Fax	x #:					Chi	I	X											
FOR LAB USE ONLY		Т	Т		MAT	TRIX	<		PRI	ESE	RV.	SAMPLI	NG		₽	1											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME														
1	FL-1	С	1		Х					Х		11/17/20		Х	Х	X											
2	FL-2	С	1		X					Х		11/17/20		Х	Х	X											
3	FL-3	С	1		Х					Х		11/17/20		Х	Х	X											
4	FL-4	С	1		X					Х		11/17/20		Х	Х	X											
5	FL-5	С	1		X					Х		11/17/20		Х	Х	X											
4	FL-6	С	1		X					Х		11/17/20		Х	Х	X											
1	North	С	1		X					Х		11/17/20		Х	Х	X											
8	East	С	1		X					Х		11/17/20		Х	X	X											
9	South	С	1		X					Х		11/17/20		Х	Х	X							_			$\perp$	
	West	С	1		X					Х		11/17/20		Х	X	X											
analyses. All claims include service. In no event shall (	and Damages. Cardinal's liability and client's exclusive remedy for fing those for negligence and any other cause whatsoever shall be Cardinal be liable for incidental or consequental damages, including any out of or related to the performance of services hereunder by Y:  Date:	deeme g witho Cardina	ed wai ut limit il, rega	ved unles tation, but	s made in siness into whether:	n writin	ng and l	recei ss of	ved by use, o	Cardi or loss	nal w	ithin 30 days after offts incurred by controls.	r completion of the	ie applicati ies, ie.	□ Ye		□ No	Ac	id'i P	hone	#:						
Relinquished B	11-17-20 Time: 35	Re	ecei	ved E	W.	R	a	d	M	2	K	Kal	Fax Resul REMARKS		□ Ye	es	□ No	Ac	ld'I F	ax #:							
	r: (Circle One)	#1	3	C	ample ool Yes No	Inta	ct			(		ED BY:	Please e	mail r	results	s to	pm@	etech	nenv	.con	n. RL	ISH	CHL	.ORII	DE A	ND T	PH.



November 23, 2020

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SUNOCO TRUCK RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/20/20 14:50.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Wite Sough

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

Etech Environmental & Safety Solutions

JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 11/20/2020 Sampling Date: 11/19/2020

Reported: 11/23/2020 Sampling Type: Soil

Project Name: SUNOCO TRUCK RELEASE Sampling Condition: Cool & Intact
Project Number: 13427 Sample Received By: Tamara Oldaker

Project Location: ETC - EDDY CO NM

Sample ID: BG - N (H003085-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Oualifier Analyte Result 400 Chloride 464 16.0 11/23/2020 ND 100 400 7.69

Sample ID: BG - S (H003085-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 736 16.0 11/23/2020 ND 400 100 400 7.69

Sample ID: BG - W (H003085-03)

Chloride, SM4500Cl-B Analyzed By: AC mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 1650 16.0 11/23/2020 ND 400 7.69 400 100

Cardinal Laboratories \*=Accredited Analyte

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

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



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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

Mile Sough

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

# Received by OCD: 12/8/2020 2:51:00 PM



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 2/25/2021 4:36:00 PM

Company Name:   Etech Environmental & Safety Solutions, Inc.   BILL TO   ANALYSIS   REQUESTION	ST
Address: P.O. Box 301  Company: ETC C/O Ryan Reich Address: P.O. Box 301  Company: ETC C/O Ryan Reich Address: P.O. Box 301  Company: ETC C/O Ryan Reich Address: P.O. Box 301  Address: P.O. Box 301  Company: ETC C/O Ryan Reich Address: Project Rams: (575) 396-2378  Fax #: (575) 396-1429  Address: Project #: 13427  Project Name: Sunoco Truck Release  Project Location: Rural Eddy, NM Phone #:  For LAB USE ONLY  Lab I.D. Sample I.D.  Sample I.D.  Sample I.D.  Sample I.D.  Address: P.O. Box 301  Address: P.O. Box 301  Address: P.O. Box 301  Address: Project Rams: Project Owner: ETC  City: Project Name: Zip: Project Name: Phone #: For LAB USE ONLY  Address: P.O. Box 301  Address: P.O.	
City: Lovington	
Project #: (575) 396-2378   Fax #: (575) 396-1429   Address:   Project #: 13427   Project Owner: ETC   City:   Project Name: Sunoco Truck Release   State: Zip:   Project Location: Rural Eddy, NM   Phone #:   Fax #:	
Project #: 13427	
Project Name: Sunoco Truck Release   State: Zip:   Phone #:     Phone #:	
Lab I.D. Sample I.D.    Contained by the	
Lab I.D. Sample I.D.    Contained by the property   Contai	
Lab I.D. Sample I.D.    Contained by the property   Contai	
Lab I.D. Sample I.D.   Sample	
I BG - N     G 1     X     X     11/19/20     X       Z BG - S     G 1     X     X     11/19/20     X	
Z BG - S G 1 X X 11/19/20 X	$\overline{}$
0 1 V 11/10/20 X	
	+++
LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	
nalyses. All claims including those for negligence and any other cause winasceres name to element the professional profess	
Phone Result: Yes No Add'l Phone #:	
Most training of the second of	
Received By:  Time:  Please email results to pm@etechenv.com. RUSH SA	AMPLES.
Delivered By: (Circle One)  Sampler - UPS - Bus - Other:  3.1 c	

FORM-006 Revision 1.0

# Appendix D Photographic Log

### Photographic Log

**Photo Number:** 

1

Photo Direction:

South

**Photo Description:** 

Point of Release



**Photo Number:** 

2

**Photo Direction:** 

North

**Photo Description:** 

Excavation



### Photographic Log

**Photo Number:** 

3

**Photo Direction:** South

**Photo Description:** 

Excavation



**Photo Number:** 

4

**Photo Direction:** 

South

**Photo Description:** 

Backfilled Excavation



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

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

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 11521

### **CONDITIONS OF APPROVAL**

Operator:		OGRID:	Action Number:	Action Type:
ETC TEXAS PIPELINE, LTD.	8111 Westchester Drive	371183	11521	C-141
Suite 600 Dallas, TX75225				

OCD Reviewer	Condition
ceads	None