

May 2, 2025

NMOCD District 2 Artesia, NM 88210

Bureau of Land Management Crisha Morgan Carlsbad Field Office

Re: Site Assessment, Remediation, and Closure Request Riser 70 Main Line API No. N/A GPS: Latitude 32.825421 Longitude -103.883867 UL "A", Sec. 20, T17S, R31E Eddy County, NM NMOCD Ref. No. NAPP2315139771

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment, conduct remediation activities for the release site known as the Riser 70 Main Line (Riser). Details of the release are summarized below:

Release Details					
T-mf D-l	Dee door of Western	Volume of Release:	75 bbls		
Type of Release:	Produced Water	Volume Recovered:	35 bbls		
Source of Release:	Pipeline	Date of Release:	5/30/23		
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	Mike Bratcher, NMOCD		
Was a Watercourse Reached?	No	If Yes, Volume Impac	ting Watercourse: N/A		
Surface Owner:	Federal	Mineral Owner:	Federal		
Corrosion in the injection line	e.				
5					

Topographical and Wetlands Maps are provided in Figures #2 and #4.

#### **REGULATORY FRAMEWORK & SITE CHARACTERIZATION**

Surface impacts from unauthorized releases of fluids or gases are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance, and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on depth to groundwater and the following characteristics:

- Depth to Groundwater in the affected area 100-500'
- Method to determine DTW NM OSE
- Did the release impact groundwater or surface water No

Depth to groundwater information is provided in Appendix A.

What are the minimum distances between the closest lateral extents of the release and the following surface areas:

- A Continuously flowing watercourse or any other significant watercourse- 1/2 mile-1 mile
- Any lakebed, sinkhole, or playa lake- 1-5 mi
- An occupied permanent residence, school, hospital, institution, or church->5 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes->5 mi
- Any other fresh water well or spring- 1-5 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- 1-5 mi
- A subsurface mine->5 mi
- An (non-karst) unstable area- >5 mi
- Categorize the risk of this well/site being in a karst area geology- Low
- A 100-year floodplain- 1/2-1 mi
- Did the release impact areas not on an exploration, development, production, or storage site- Yes

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene)— Interlayed eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits (QEP). The soil in this area is made up of Kermit-Berino Fine Sands, with 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage course in this area is excessively drained.

The Soil Survey and FEMA Flood Map are provided in Appendix B. A Karst Map is provided in Figure #3.

#### **INITIAL SITE ASSESSMENT**

For all initial assessment data, refer to the attached closure report that was previously submitted..

A Site Map is provided in Figure #1.

#### **REMEDIATION ACTIVITIES**

We looked at the reasons for the denial of our previous closure report, which states:

- 1. The Chain of Custody for samples collected on 11/18/24 is marked "G" for Grab. Per 19.15.29.12(D)1 NMAC, "the responsible party must test the remediated areas for contamination with representative five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas." Explain.
- Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1)(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1)(a) NMAC. C-141N was submitted on 11/13/24 for 10/18/24.
- 3. Explain the dramatic difference in chlorides, between the analytical data obtained at FL 4-7 on 7/19/23 at 1' and the samples collected on 11/18/24 at 2'?
- 4. In the Table on pg. 3, TPH is not a "0" but instead should be labeled ND.

To correct the concerns with reasons 1, 2, and 4, we went and resampled the areas to make sure they were composite samples per 19.15.29.12(D)1 NMAC. An email notification was sent to the NMOCD prior to obtaining confirmation samples. The bottom samples were representative of no more than 200 sq/ft, and the sidewall samples were obtained every 50 feet. The results of these sampling events are in the following data tables. We also made sure to correctly label the Total TPH as ND.

Sample Date 3-7-25	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
ESW-1 2'	ND	ND	ND	ND	ND	ND	272
NSW-1 2'	ND	ND	ND	ND	ND	ND	320
S-1 2'	ND	ND	ND	ND	ND	ND	288
S-2 2'	ND	ND	ND	ND	ND	ND	272
S-3 2'	ND	ND	ND	ND	ND	ND	304
S - 4 2'	ND	ND	ND	ND	ND	ND	256
SSW-1 2'	ND	ND	ND	ND	ND	ND	288
WSW-1 2'	ND	ND	ND	ND	ND	ND	240

#### 3-7-25 Confirmation Laboratory Results

(ND) Analyte Not Detected

To address the concerns with reason 3, we cannot speak to the remediation or assessment work done by ETech. However, with geo-tagged photographic and laboratory analytical evidence, we did remediate and sample the appropriate area that the NMOCD initially had an issue with in their rejection ruling from 9/19/24 stating:

- "Remediation closure denied. Per 19.15.29.12.C(3) NMAC, the responsible party must remediate the impacted surface area of a release not occurring on a lined, bermed or otherwise contained exploration, development, production, or storage site to meet the standards of Table I of 19.15.29.12 NMAC or other applicable remediation standards and restore and reclaim the area pursuant to 19.15.29.13 NMAC. FL samples 4-7 are located in areas not reasonably needed for production and require further remediation in order to meet reclamation standards. It is also noted that Spur checked the box saying the concentration of dissolved chloride in the produced water is < 10,000 mg/kg. Submit a sample of the produced water for laboratory analysis and include your results with your next submission. Resubmit remediation closure report to the OCD by 12/18/24.".</p>

10-9-24 Confirmation Laboratory Results

SampleName	Sampled	Units	Chloride
WATER SAMPLE - 1	10/9/24 0:00	mg/L	900

Laboratory data is attached in Appendix D

These laboratory analytical results showed that the confirmation soil samples were below NMOCD Closure Criteria. The 60 CY of excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with "like" material also obtained by Lea Land. The affected area was then contoured and machine-compacted to match the surrounding grade.

#### **CLOSURE REQUEST**

After careful review, Paragon requests that the incident, NAPP2315139771, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

If you have any questions or need additional information, please get in touch with Tristan Jones by phone at (575)318-6841 or email at tristan@paragonenvironmental.net.

Respectfully,

Tristan Jones Project Manager Paragon Environmental, LLC



Chris Jones Environmental Professional Paragon Environmental, LLC



#### **Attachments**

#### Figures:

- 1- Site Map
- 2- Topographic Map
- 3- Karst Map
- 4- Wetlands Map
- 5- Confirmation Sample Maps

#### Appendices:

- Appendix A Referenced Water Surveys
- Appendix B Soil Survey and FEMA Flood Map
- Appendix C Email Notification & Photographic Documentation
- Appendix D Laboratory Reports & Previous Closure Report



Figures:

1-Site Map 2- TOPO Map 3- Karst Map 4- Wetlands Map 5- Confirmation Sample Map

## Received by OCD: 5/21/2025 11:59:12 AM Spur Energy Partners

Riser 70 Pipe 03 API # N/A Eddy County, NM Site Map

- Legend Page 7 of 388
- Feature 1
- Final Spill Area 800 S/F
- Riser 70 Main

Riser 70 Main

Fla

**9**FI-5

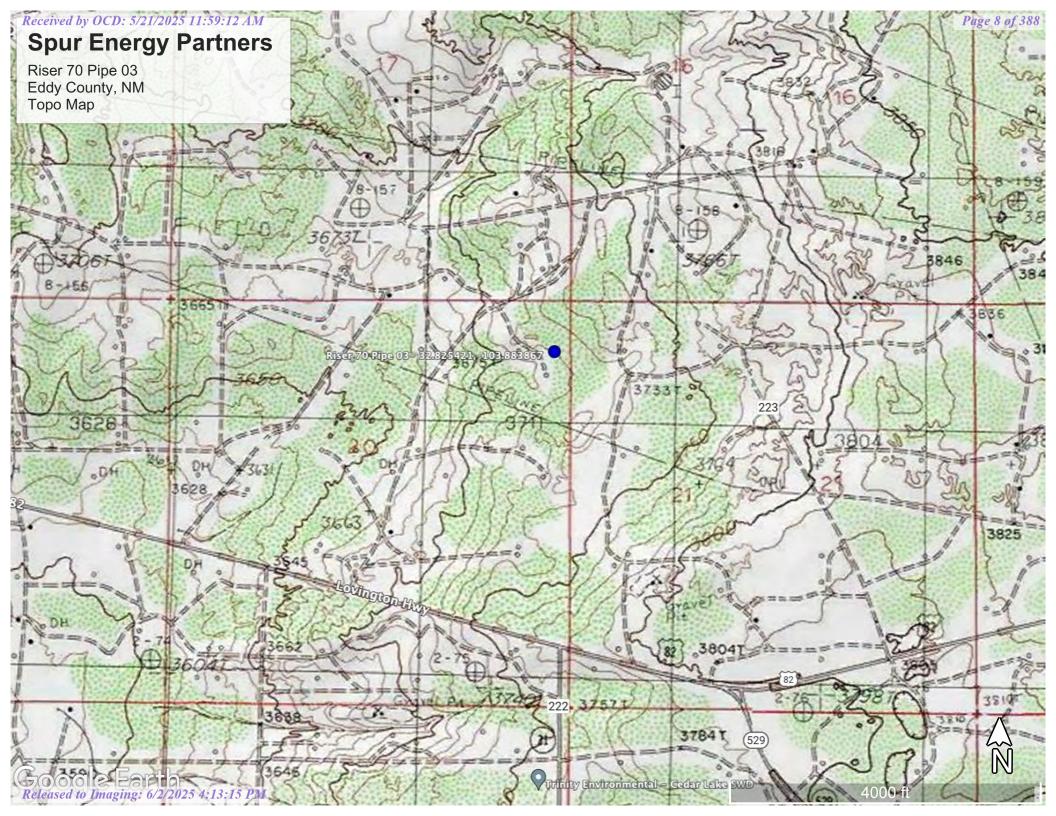
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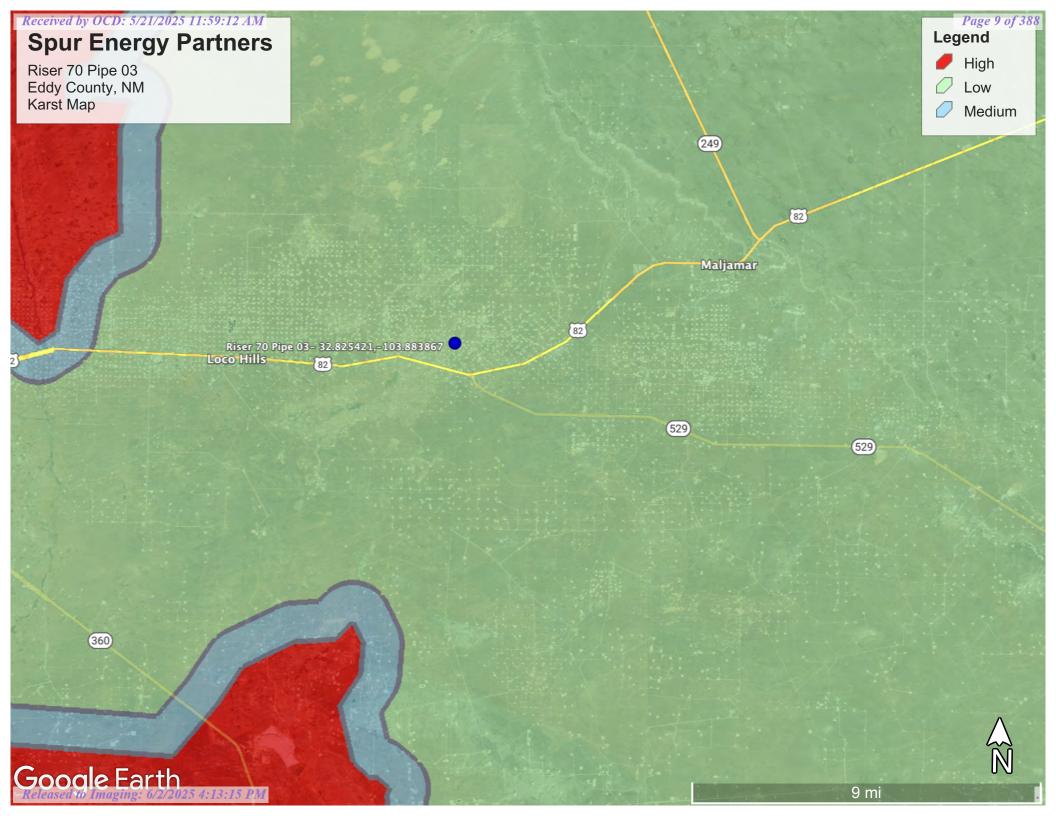
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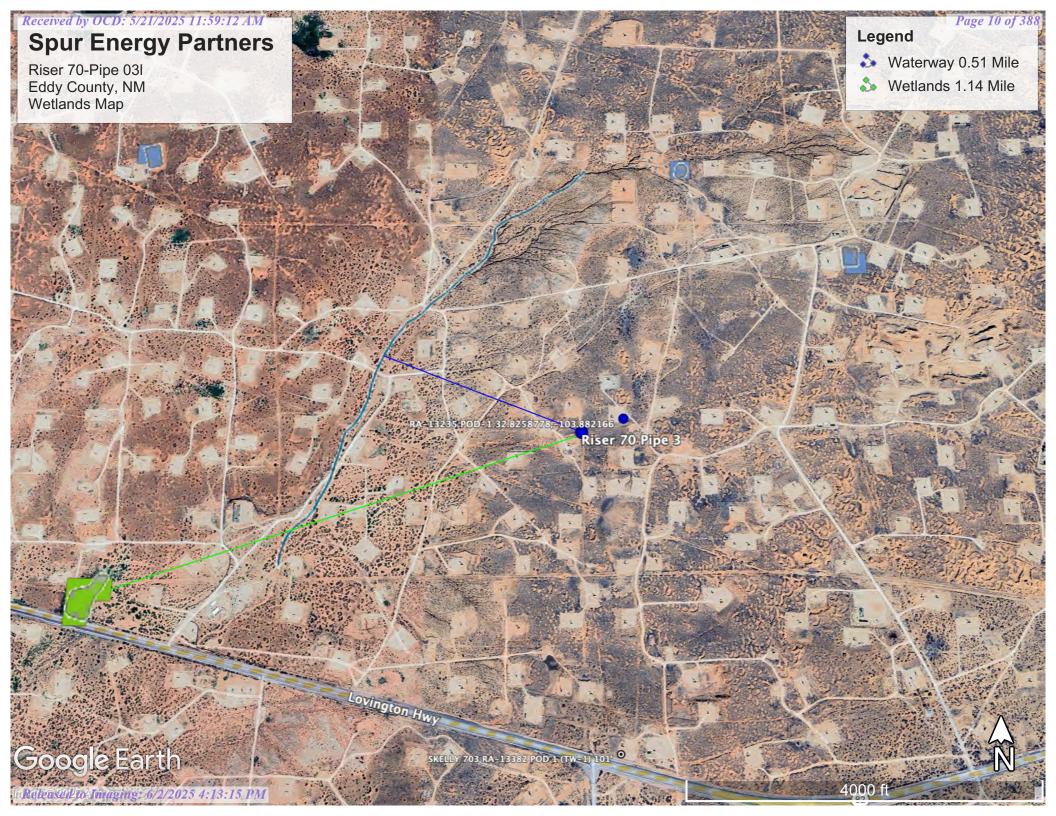
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70 ft

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# Received by OCD: 5/21/2025 11:59:12 AM **Spur Energy Partners**

Riser 70 Main Line API # N/A Eddy County, NM Confirmation Sample Map

Google Earth





Appendix A Referenced Water Data:

Direct Measure



2904 W 2nd St. Roswell, NM 88201 volce: 575.624.2420 fax: 575.624.2421 www.atkinseng.com

11/4/2022

DII-NMOSE 1900 W 2<sup>nd</sup> Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record RA-13235Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, RA-13235 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Guoon Middlam

Lucas Middleton

Enclosures: as noted above

OSE DIT NOV 4 2022 PKS:51



# WELL RECORD & LOG

# OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

-	OSE POD NO. POD-1	(WELL NO	).)		WELL TAG ID NO. n/a			OSE FILE NO( RA-13235	S).			
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OCA	Spur Energ											
WELL L	WELL OWNE 919 Milam							CITY Houston		state TX	77002	ZIP
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LO	CATION					WELL	TAG ID NO.				PAGE 2 OF



# PLUGGING RECORD



# NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

### **<u>I. GENERAL / WELL OWNERSHIP:</u>**

State	Engineer Well Number: RA-13235 POD-1			
Well	owner: Spur Energy Partners LLC		Phone No.:	
Maili	ing address: 919 Milam St Ste 2475			
City:	Houston	State:	Texas	Zip code:
п. у	WELL PLUGGING INFORMATION:			
1)	Name of well drilling company that plu	igged well: <u>Jackie C</u>	). Atkins ( Atkins Engine	ering Associates Inc.)
2)	New Mexico Well Driller License No.:			xpiration Date: 04/30/23
3)	Well plugging activities were supervise Shane Eldridge, Cameron Pruitt	d by the following w	/ell driller(s)/rig supervi	sor(s):
4)	Date well plugging began:10/31/202	22 Da	te well plugging conclu	ded: 10/31/2022
5)	GPS Well Location: Latitude: Longitude:	<u>32</u> deg, <u>103</u> deg,		3.16 sec 5.80 sec, WGS 84
6)	Depth of well confirmed at initiation of by the following manner: weighted tap		2 ft below ground le	evel (bgl),
7)	Static water level measured at initiation	n of plugging:n/	aft bgl	
8)	Date well plugging plan of operations	was approved by the	State Engineer:9/8/2	2022
9)	Were all plugging activities consistent differences between the approved plug	with an approved plu ging plan and the we	agging plan? <u>Yes</u> Il as it was plugged (atta	If not, please describ ach additional pages as needed):
				USE DTI NOU 4 2022 pm3:52

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

		1 88 /		8	-
<u>Depth</u> (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of <u>Material Placed</u> (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement <u>Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 31 gallons	29 gallons	Augers	
	10'-102' Drill Cuttings	Approx. 294 gallons	294 gallons	Boring	
-					
-					
-					
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_	]	MULTIPLY cubic feet x 7 cubic yards x 201	BY AND OBTAIN 4805 = gallons .97 = gallons	OSE DIT I	VOU 4 2022 ≈3:52
THE SLOW					

#### For each interval plugged, describe within the following columns:

#### III. SIGNATURE:

I, <u>Jackie D. Atkins</u>, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins

11-1-2022

Signature of Well Driller

Date

Version: September 8, 2009 Page 2 of 2

# RA-13235-WR-20 Well Record and Log-sk-

# forsign

**Final Audit Report** 

2022-11-01

Created:	2022-11-01
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAARY87xtXtLuDl4C2wXSwlo2N0Y9qfWa2z

# "RA-13235-WR-20 Well Record and Log-sk- forsign" History

- Document created by Lucas Middleton (lucas@atkinseng.com) 2022-11-01 - 8:11:28 PM GMT- IP address: 64.17.71.25
- Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2022-11-01 8:11:59 PM GMT
- Email viewed by Jack Atkins (jack@atkinseng.com) 2022-11-01 - 10:22:54 PM GMT- IP address: 64.90.153.232
- Document e-signed by Jack Atkins (jack@atkinseng.com) Signature Date: 2022-11-01 - 10:23:24 PM GMT - Time Source: server- IP address: 64.90.153.232
- Agreement completed. 2022-11-01 - 10:23:24 PM GMT

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Appendix B Soil Survey:

U.S.D.A. FEMA Flood Map

# Eddy Area, New Mexico

### KM—Kermit-Berino fine sands, 0 to 3 percent slopes

#### Map Unit Setting

National map unit symbol: 1w4q Elevation: 3,100 to 4,200 feet Mean annual precipitation: 10 to 14 inches Mean annual air temperature: 60 to 64 degrees F Frost-free period: 190 to 230 days Farmland classification: Not prime farmland

#### **Map Unit Composition**

Kermit and similar soils: 50 percent Berino and similar soils: 35 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

#### **Description of Kermit**

#### Setting

Landform: Plains, alluvial fans Landform position (three-dimensional): Talf, rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

#### **Typical profile**

*H1 - 0 to 7 inches:* fine sand *H2 - 7 to 60 inches:* fine sand

#### **Properties and qualities**

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7e Hydrologic Soil Group: A Ecological site: R070BD005NM - Deep Sand Hydric soil rating: No

#### Description of Berino

#### Setting

Landform: Plains, fan piedmonts Landform position (three-dimensional): Riser Down-slope shape: Convex Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

#### **Typical profile**

H1 - 0 to 17 inches: fine sand H2 - 17 to 50 inches: fine sandy loam H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

#### Interpretive groups

Land capability classification (irrigated): 4e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: R070BD003NM - Loamy Sand Hydric soil rating: No

#### **Minor Components**

#### Active dune land

Percent of map unit: 15 percent Hydric soil rating: No

# Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 18, Sep 8, 2022



# Received by OCD: 5/21/2025 11:59:12 AM National Flood Hazard Layer FIRMette



# Legend

Page 22 of 388

103°53'21"W 32°49'47"N SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) Zone A. V. A9 With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - — – – Channel, Culvert, or Storm Sewer GENERAL STRUCTURES LIIII Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation AREA OF MINIMAL FLOOD HAZARD Eddy County **Coastal Transect** Base Flood Elevation Line (BFE) Zde. 350120 Limit of Study Jurisdiction Boundary --- Coastal Transect Baseline OTHER **Profile Baseline** 5015C0425D FEATURES Hydrographic Feature eff. 6/4/2010 **Digital Data Available** No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/17/2023 at 2:49 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time. This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for 103°52'43"W 32°49'16"N unmapped and unmodernized areas cannot be used for

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regulatory purposes.

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020



Appendix C:

NMOCD Notification

Photographic Documentation

Searches Operator Data Hearing Fee Application

# **OCD** Permitting

Home Operator Data

Action Status Action Search Results

# [NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information					
Submission ID:	438844	Districts:	Artesia		
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy		
Description:	Spur Energy Partners LLC [328947] , RISER 70 MAIN LINE , nAPP2315139771				
Status:	APPROVED				
Status Date:	03/04/2025				
References (1):	nAPP2315139771				

Action Status Item Details

#### Forms

This application type does not have attachments.

Questions	
Prerequisites	
Incident ID (n#)	nAPP2315139771
	NAPP2315139771 RISER 70 MAIN LINE @ 0
51	Produced Water Release
Incident Status	Initial C-141 Approved
Location of Release Source	
Site Name	RISER 70 MAIN LINE
Date Release Discovered	05/30/2023
Surface Owner	Federal
Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of	03/07/2025
19.15.29.12 NMAC	
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	575-318-6841
Please provide any information necessary for navigation to sampling site	32.825421,-103.883867

		Searches	Operator Data	Hearing Fee Application
Comments				
No comments found for this	submission.			
Conditions				
Summary:	tristanjones (3/4/2025), Failure to notify the OCD of sampling events including any changes in date/time per the n remediation closure samples not being accepted.	equirements of 19.15	.29.12.D.(1).(a) NMAC, ma	y result in the
Reasons				

Go Back

No reasons found for this submission.

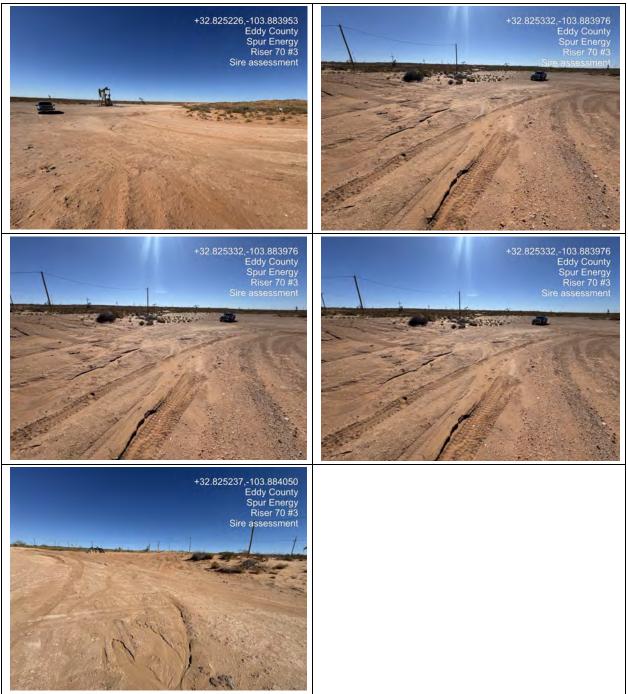
New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012 1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

EMNRD Home OCD Main Page OCD Rules Help



### **Photographic Documentation**

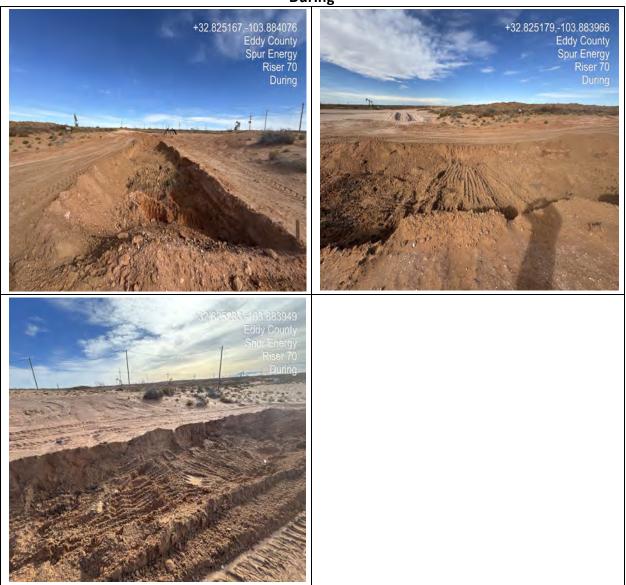
Before





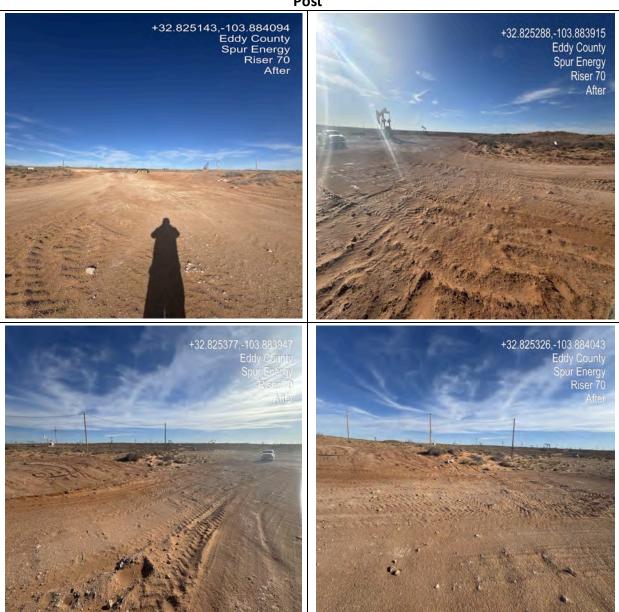
### Photographic Documentation

During





### **Photographic Documentation**



Post



Appendix D:

Laboratory Results Previous Closure Report



October 15, 2024

CHRIS JONES PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS, NM 88240

RE: RISER 70 PIPE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/09/24 16:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

#### Analytical Results For:

PARAGON ENVIROMENTAL CHRIS JONES 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Fax To:

Received:	10/09/2024	Sampling Date:	10/09/2024
Reported:	10/15/2024	Sampling Type:	Water
Project Name:	RISER 70 PIPE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Alyssa Parras
Project Location:	EDDY, NM		

#### Sample ID: WATER SAMPLE - 1 (H246154-01)

Chloride, SM4500Cl-B (Water) mg/L		Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	900	4.00	10/10/2024	ND	104	104	100	0.00	

#### **Cardinal Laboratories**

\*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

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

#### **Cardinal Laboratories**

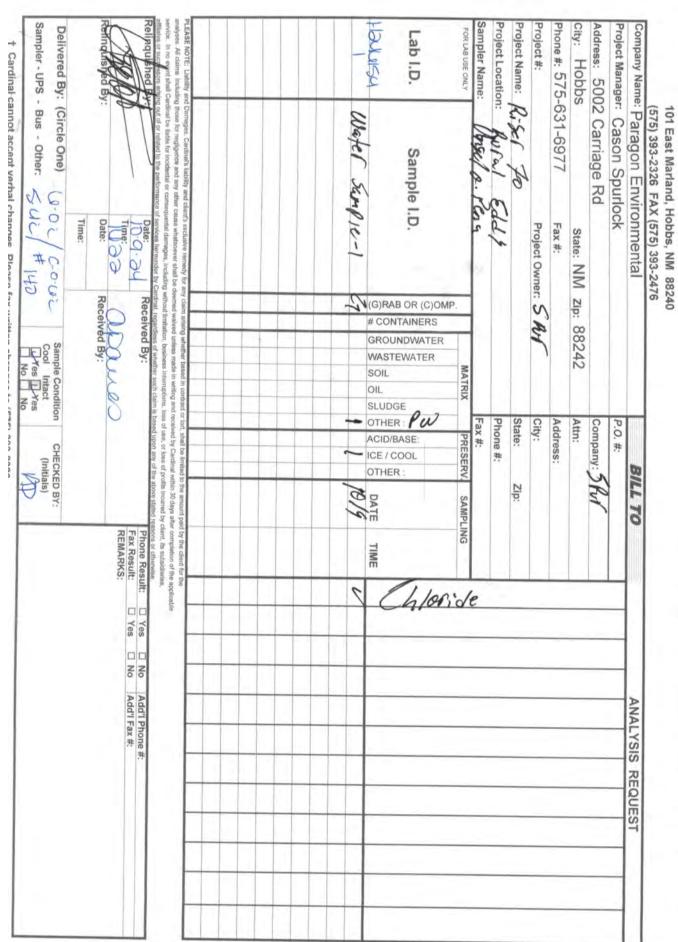
#### \*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

#### Received by OCD: 5/21/2025 11:59:12 AM



Laboratories

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

#### <u>. Released to Imaging: 6/2/2025 4:13:15 PM</u>



March 18, 2025

TRISTAN JONES PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS, NM 88240

RE: RISER 70 PIPE 3

Enclosed are the results of analyses for samples received by the laboratory on 03/12/25 9:17.

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

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



SPUR - EDDY, NM

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

#### Analytical Results For:

		PARAGON ENVIROMENTAL TRISTAN JONES 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Fax To:				
Received:	03/12/2025		Sampling Date:	03/07/2025		
Reported:	03/18/2025		Sampling Type:	Soil		
Project Name:	RISER 70 PIPE 3		Sampling Condition:	Cool & Intact		
Project Number:	NOT GIVEN		Sample Received By:	Alyssa Parras		

#### Sample ID: S-1 2' (H251453-01)

Project Location:

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	2.01	100	2.00	3.23	
Toluene*	<0.050	0.050	03/12/2025	ND	2.10	105	2.00	5.47	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.27	114	2.00	6.81	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	7.02	117	6.00	7.29	
Total BTEX	<0.300	0.300	03/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	130 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/12/2025	ND	448	112	400	3.51	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2025	ND	205	103	200	1.40	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	177	88.4	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					
Surrogate: 1-Chlorooctane	99.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.2	% 40.6-15	3						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

#### Analytical Results For:

		PARAGON ENVIROMENTAL TRISTAN JONES 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Fax To:					
Received:	03/12/2025		Sampling Date:	03/07/2025			
Reported:	03/18/2025		Sampling Type:	Soil			
Project Name:	RISER 70 PIPE 3		Sampling Condition:	Cool & Intact			
Project Number:	NOT GIVEN		Sample Received By:	Alyssa Parras			
Project Location:	SPUR - EDDY, NM						

#### Sample ID: S-2 2' (H251453-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	2.01	100	2.00	3.23	
Toluene*	<0.050	0.050	03/12/2025	ND	2.10	105	2.00	5.47	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.27	114	2.00	6.81	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	7.02	117	6.00	7.29	
Total BTEX	<0.300	0.300	03/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/12/2025	ND	448	112	400	3.51	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2025	ND	207	104	200	4.72	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	190	95.1	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					
Surrogate: 1-Chlorooctane	78.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.6	% 40.6-15	3						

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#### \*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

		PARAGON ENVIROMENTAL TRISTAN JONES 1601 N TURNER ST., STE 5 HOBBS NM, 88240 Fax To:	00	
Received:	03/12/2025		Sampling Date:	03/07/2025
Reported:	03/18/2025		Sampling Type:	Soil
Project Name:	RISER 70 PIPE 3		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY, NM			

#### Sample ID: S-3 2' (H251453-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	2.01	100	2.00	3.23	
Toluene*	<0.050	0.050	03/12/2025	ND	2.10	105	2.00	5.47	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.27	114	2.00	6.81	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	7.02	117	6.00	7.29	
Total BTEX	<0.300	0.300	03/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/12/2025	ND	448	112	400	3.51	
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	03/12/2025	ND	207	104	200	4.72	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	190	95.1	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					
Surrogate: 1-Chlorooctane	86.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.4	% 40.6-15	3						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

		PARAGON ENVIROMENTAL TRISTAN JONES 1601 N TURNER ST., STE 5 HOBBS NM, 88240 Fax To:	00	
Received:	03/12/2025		Sampling Date:	03/07/2025
Reported:	03/18/2025		Sampling Type:	Soil
Project Name:	RISER 70 PIPE 3		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY, NM			

#### Sample ID: S-4 2' (H251453-04)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	2.01	100	2.00	3.23	
Toluene*	<0.050	0.050	03/12/2025	ND	2.10	105	2.00	5.47	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.27	114	2.00	6.81	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	7.02	117	6.00	7.29	
Total BTEX	<0.300	0.300	03/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/12/2025	ND	448	112	400	3.51	
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	03/12/2025	ND	207	104	200	4.72	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	190	95.1	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.4	% 40.6-15	3						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

		PARAGON ENVIROMENTAL TRISTAN JONES 1601 N TURNER ST., STE 5 HOBBS NM, 88240 Fax To:		
Received:	03/12/2025		Sampling Date:	03/07/2025
Reported:	03/18/2025		Sampling Type:	Soil
Project Name:	RISER 70 PIPE 3		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY, NM			

#### Sample ID: NSW-1 2' (H251453-05)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	1.98	98.8	2.00	3.22	
Toluene*	<0.050	0.050	03/12/2025	ND	2.03	102	2.00	3.43	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.04	102	2.00	3.84	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	6.26	104	6.00	3.00	
Total BTEX	<0.300	0.300	03/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/12/2025	ND	448	112	400	3.51	
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	03/12/2025	ND	207	104	200	4.72	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	190	95.1	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					
Surrogate: 1-Chlorooctane	89.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.0	% 40.6-15	3						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

		PARAGON ENVIROMENTAL TRISTAN JONES 1601 N TURNER ST., STE 5 HOBBS NM, 88240 Fax To:	00	
Received:	03/12/2025		Sampling Date:	03/07/2025
Reported:	03/18/2025		Sampling Type:	Soil
Project Name:	RISER 70 PIPE 3		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY, NM			

#### Sample ID: ESW-1 2' (H251453-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	1.98	98.8	2.00	3.22	
Toluene*	<0.050	0.050	03/12/2025	ND	2.03	102	2.00	3.43	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.04	102	2.00	3.84	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	6.26	104	6.00	3.00	
Total BTEX	<0.300	0.300	03/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/12/2025	ND	448	112	400	3.51	
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	03/12/2025	ND	207	104	200	4.72	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	190	95.1	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					
Surrogate: 1-Chlorooctane	87.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.7	% 40.6-15	3						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

		PARAGON ENVIROMENTAL TRISTAN JONES 1601 N TURNER ST., STE 5 HOBBS NM, 88240 Fax To:		
Received:	03/12/2025		Sampling Date:	03/07/2025
Reported:	03/18/2025		Sampling Type:	Soil
Project Name:	RISER 70 PIPE 3		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY, NM			

#### Sample ID: SSW-1 2' (H251453-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	1.98	98.8	2.00	3.22	
Toluene*	<0.050	0.050	03/12/2025	ND	2.03	102	2.00	3.43	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.04	102	2.00	3.84	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	6.26	104	6.00	3.00	
Total BTEX	<0.300	0.300	03/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/12/2025	ND	448	112	400	3.51	
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	03/12/2025	ND	207	104	200	4.72	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	190	95.1	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					
Surrogate: 1-Chlorooctane	77.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.5	% 40.6-15	3						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

		PARAGON ENVIROMENTAL TRISTAN JONES 1601 N TURNER ST., STE 5 HOBBS NM, 88240 Fax To:		
Received:	03/12/2025		Sampling Date:	03/07/2025
Reported:	03/18/2025		Sampling Type:	Soil
Project Name:	RISER 70 PIPE 3		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY, NM			

#### Sample ID: WSW-1 2' (H251453-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2025	ND	1.98	98.8	2.00	3.22	
Toluene*	<0.050	0.050	03/12/2025	ND	2.03	102	2.00	3.43	
Ethylbenzene*	<0.050	0.050	03/12/2025	ND	2.04	102	2.00	3.84	
Total Xylenes*	<0.150	0.150	03/12/2025	ND	6.26	104	6.00	3.00	
Total BTEX	<0.300	0.300	03/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/12/2025	ND	448	112	400	3.51	
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	03/12/2025	ND	207	104	200	4.72	
DRO >C10-C28*	<10.0	10.0	03/12/2025	ND	190	95.1	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	03/12/2025	ND					
Surrogate: 1-Chlorooctane	74.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.8	% 40.6-15	3						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

# Received by OCD: 5/21/2025 11:59:12 AM

In Environmental       Blue NM 88240       Blue NM 88240       Blue NM 210: 88242       State: NM 210: 88242       State: NM 210: 88242       Anth: Fyl A       Company: SPUX       State: NM 210: 88242       Anth: Fyl A       Company: SPUX       State: NM 210: 88242       Anth: Fyl A       Company: SPUX       State: Zip:       Phone #:       The Fax #:       State: Zip:       Phone #:       The State: Zip:       Phone #:       The State: Zip:       <	PreAsa Norre: Lucidity and Damages. Ca analyses. All claims including those for mage service. In no overni shall candinate to hade affiliates or successors arising out of or rela- affiliates or successors arising out of or rela- affiliates or successors arising out of or rela- service. The second second second second second Relinquished By: Delivered By: (Circle Sampler - UPS - Bus -	Project Location: Ed Sampler Name: Tri3 FOR UNS UNE ONLY FOR UNS UNE ONLY		101 Ea (575) 3 Company Name: Para
These Chlorides BTEX	of the performance of services because the services because and any other cause what above relation of the performance of services becaused by the performance of services by th	NNOLONO PIE 13	Spurrock W ge Rd 3/12 State: N 7 Fax #: 3/12 Project ov	st Marland, Hobbs, NM 8 93-2326 FAX (575) 393-2 190n Environmental
These Chlorides BTEX	Sample Condition     Sample Condition     Sample Condition     Sample Condition     Sample Condition     Yes	CONTAINERS CONTAINERS CROUNDWATER CROUNDWA	tun Jones zıp: 88242 SPUR De 3	
These Chlorides BTEX	n CHECKED BY: (Initials)	TICE / COOL SERV OTHER :	any: Kov	BILL
	□ Yes	TPH EXT Chlorides		ANALYSIS





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# 1.0 **PROJECT INFORMATION**

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Spur Energy Partners, LLC, has prepared this *Remediation Summary and Soil Closure Request* for the release site known as the Riser 70 Main Line (henceforth, "Site"). Details of the release are summarized below:

atitude:	32.825018	Longitude:						
	Provide	ed GPS are in WGS84 form	nat.					
Site Name:	Riser 70 Main Line	Site Type:	Pipeline					
Date Release Discovere	ed: 5/30/2023	API # (if applied	cable): N/A					
Unit Letter Sec	ction Township	Range	County					
A	20 17S	31E	Eddy					
Surface Owner: Sta		Private (Nate) Private						
Crude Oil	Volume Released (bbls)		Volume Recovered (bbls)					
X         Produced Water         Volume Released (bbls)         75         Volume Recovered (bbls)         35								
	Is the concentration of total (TDS) in the produced water		Yes X No N/A					
Condensate	Volume Released (bbls)		Volume Recovered (bbls)					
Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)					
Other (describe)	Volume/Weight Released		Volume/Weight Recovered					
Cause of Release: Corrosion in injection	line.							
	Ir	nitial Response						
X The source of the r	elease has been stopped.							
X The impacted area	has been secured to protect hur	man health and the er	vironment.					
X Release materials h	ave been contained via the use	of berms or dikes, al	osorbent pad, or other containment devices					
		,	÷ .					

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 halfmile radius of the 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?	>102 Feet	
Did the release impact groundwater or surface water?	Yes X No	0
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No	0
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	0
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes X No	0
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	0
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No	0
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No	0
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No	0
Are the lateral extents of the release overlying a subsurface mine?	Yes X No	0
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No	0
Are the lateral extents of the release within a 100-year floodplain?	Yes X No	0
Did the release impact areas not on an exploration, development, production or storage site?	X Yes No	0

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, 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 NMOCD Reclamation Standard for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
>102 Feet	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	-
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

\* Measured in milligrams per kilogram (mg/kg)

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

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

# 4.0 **REMEDIATION ACTIVITIES SUMMARY**

On July 14, 2023, remediation activities commenced at the Site. In accordance with NMOCD regulations, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-approved surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results suggested that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

On July 19, 2023, Etech collected 78 confirmation soil samples (FL 1 @ 4' through FL 72 @ 1', EW 1, EW 2, NW 1, NW 2, WW 1, and WW 2) from the floor and sidewalls of the excavated area. The collected soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples, with the exceptions of soil samples FL 71 @ 1' and FL 72 @ 1', which exhibited chloride concentrations of 6,530 mg/kg and 6,400 mg/kg, respectively.

On July 25, 2023, impacted soil in the area characterized by sample points FL 71 @ 1' and FL 72 @ 1' was excavated and transported to an NMOCD-approved surface waste facility for disposal. Upon excavating the impacted soil, Etech collected two (2) additional confirmation soil samples (FL 71A @ 4FT and FL 72A @ 4FT) from the floor of the excavated area and submitted them to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards in each of the submitted soil samples.

In addition, Etech collected an additional eight (8) confirmation soil samples (FL 73 @ 4FT through FL 79 @ 4FT and EW #3) from the floor and sidewalls of the excavated area. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On July 26, 2023, Etech collected fifteen (15) confirmation soil samples (FL 80 @ 4FT through FL 91 @ 4FT, NW #5, SW #1, and WW #3) from the floor and sidewalls of the excavated area. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On July 27, 2023, Etech collected 23 confirmation soil samples (FL 92 @ 4FT, through FL 107 @ 4FT, NW #3, NW #4, SW #2 through SW #5, and WW #4) from the floor and sidewalls of the excavated area. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On July 28, 2023, Etech collected ten (10) confirmation soil samples (FL #108 @ 4FT through FL #113 @ 4FT, NW #6, NW #7, SW #6, and SW #7) from the floor and sidewalls of the excavated area. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On July 31, 2023, Etech collected thirty (30) confirmation soil samples (FL #114 @ 4FT through FL #131 @ 4FT, NW #8, through NW #13, and SW #8 through SW #13) from the floor and sidewalls of the excavated area. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On August 1, 2023, Etech collected 32 confirmation soil samples (FL #132 @ 4FT through FL #149 @ 4FT, NW #14 through NW #20, and SW #14 through SW #20) from the floor and sidewalls of the excavated area. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On August 2, 2023, Etech collected twenty (20) confirmation soil samples (FL #150 @ 4 FT through FL #158 @ 4 FT, NW #21, through NW 25, SW #21 through SW #25, and WW #5) from the floor and sidewalls of the excavated area. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

A site and sample location map is provided as Figure 3. Concentrations of BTEX, TPH, and chloride in soil are provided in Table 1. Field data is provided as Appendix B. Laboratory analytical reports are provided as Appendix C. A photographic log of remediation activities is provided as Appendix D.

The final dimensions of the excavated area were approximately 1,600 feet in length, five (5) to 170 feet in width, and one (1) to four (4) feet in depth. During the course of remediation activities, approximately 4,540 cubic yards of impacted soil was transported to an NMOCD-approved surface waste facility for disposal.

On February 21, 2024, Etech collected six (6) horizontal soil samples from three specific locations (NH-1, EH-1, WH-1). Each horizontal was sampled at the surface as well as at one foot bgs. The collected horizontal soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. The "clean" soil samples confirm that horizontal delineation for the entire release had been achieved.

### 5.0 **RESTORATION, RECLAMATION, AND RE-VEGETATION PLAN**

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with 4,540 cubic yards of locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area was compacted and contoured 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 Standards was excavated and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate that concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Spur Energy Partners, LLC, provide copies of this *Remediation Summary and Soil Closure Request* to the appropriate agencies and request closure be granted to the Riser 70 Main Line 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 referenced 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 Spur Energy Partners, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Spur Energy Partners, LLC.

# 8.0 **DISTRIBUTION**

# Spur Energy Partners, LLC

9655 Katy Freeway Suite 500 Houston, TX 77024

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

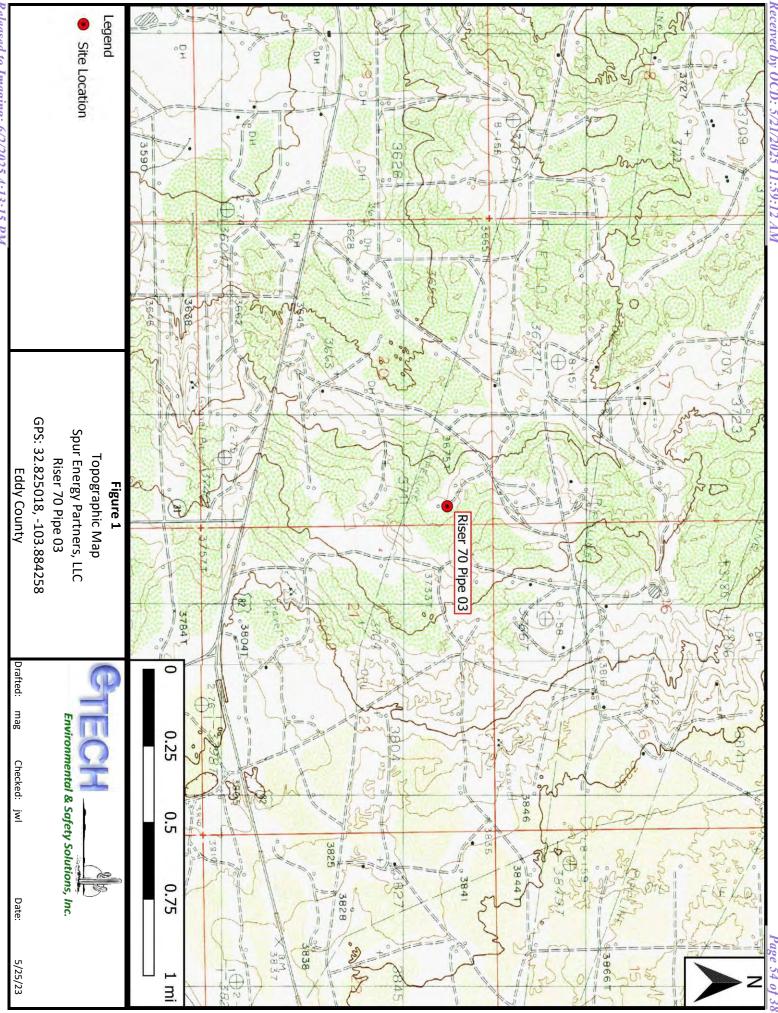
Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

### United States Department of the Interior

Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

(Electronic Submission)

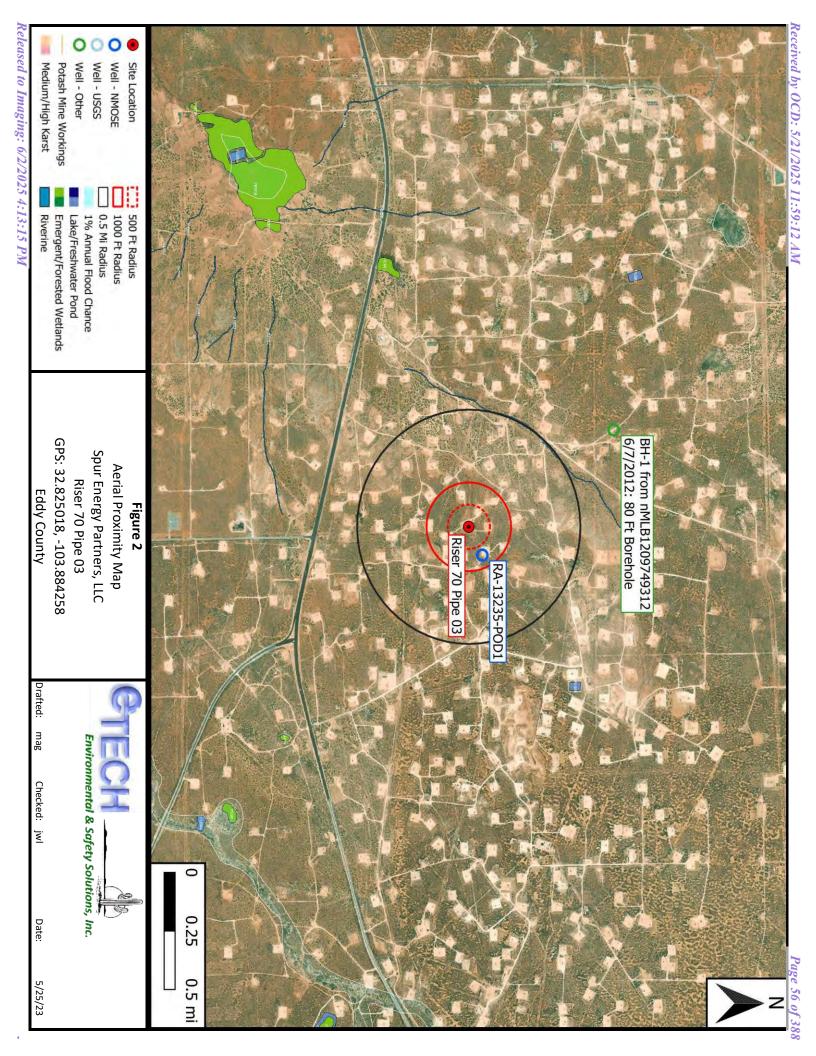
# Figure 1 Topographic Map



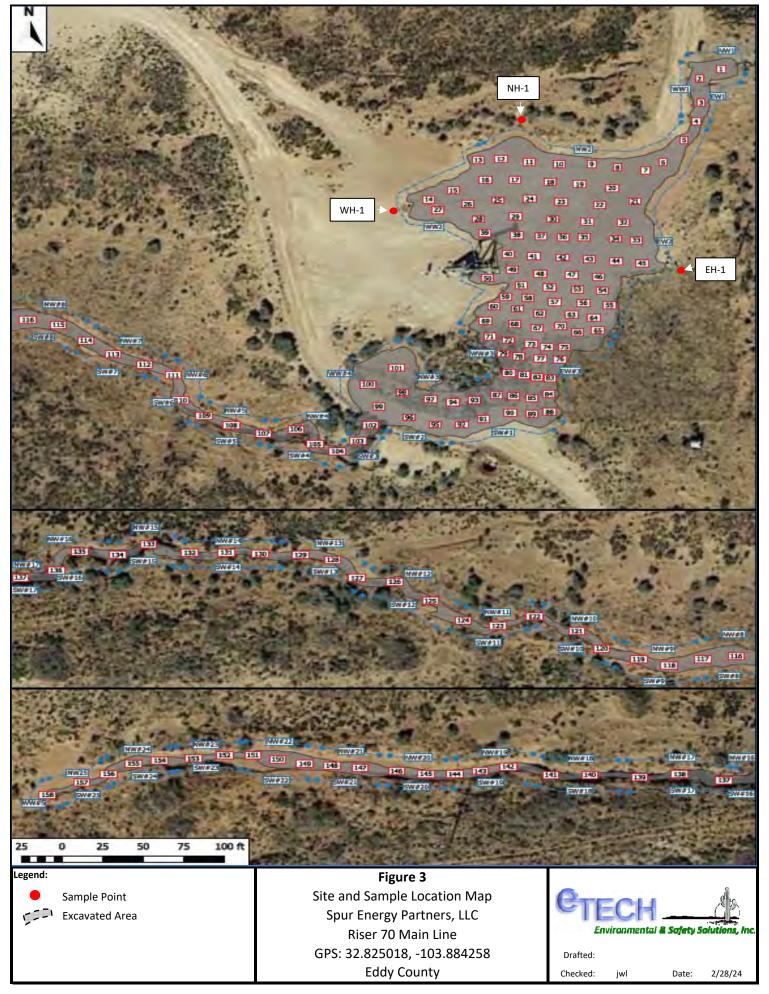
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# Figure 2 Aerial Proximity Map



# Figure 3 Site and Sample Location Map



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

	Table 1           Concentrations of BTEX, TPH, and Chloride in Soil												
			Concer			artners, L		n 8011					
				-	Riser 70 N		LC						
						APP2315	130771						
NMO	CD Closure C	riteria		10	50	AI I 2313	137771	1,000		2,500	20,000		
	Reclamation			10	50	-	-	1,000	-	100	600		
					5 8021B	-	- SW	- 7 846 8015M	- Ext	100	4500 Cl		
		Depth	Soil	511 040	00210	CDO		GRO +		TDU	4500 CI		
Sample ID	Date	(Feet)	Status	Benzene	BTEX	GRO C <sub>6</sub> -C <sub>10</sub>	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	ТРН С <sub>6</sub> -С <sub>36</sub>	Chloride		
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	$C_6 - C_{28}$	(mg/kg)	(mg/kg)	(mg/kg)		
EH-1 @ S (EW2)	2/21/2024	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	112		
EH - 1 @ 1' (EW2)	2/21/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112		
NH-1 @ S (NW2)	2/21/2024	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0		
NH - 1 @ 1' (NW2)	2/21/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0		
WH-1 @ S (WW2)	2/21/2024	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304		
WH - 1 @ 1' (WW2)	2/21/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288		
WH @ Surf	6/1/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0		
WH @ 1'	6/1/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0		
FL 1 @ 4'	7/19/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0		
FL 2 @ 4'	7/19/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0		
FL 3 @ 4'	7/19/2023	4	In-Situ	< 0.050	< 0.300	<10.0	11.4	11.4	<10.0	11.4	<16.0		
FL 4 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,400		
FL 5 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,860		
FL 6 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,860		
FL 7 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,130		
FL 8 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,200		
FL 9 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,860		
FL 10 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,460		
FL 11 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,460		
FL 12 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,730		
FL 13 @ 1' FL 14 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,060		
FL 14 @ 1 FL 15 @ 1'	7/19/2023	1	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,330		
FL 15 @ 1 FL 16 @ 1'	7/19/2023 7/19/2023	-	In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	7,700 8,400		
FL 10 @ 1 FL 17 @ 1'	7/19/2023	1	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400 8,400		
FL 18 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,300		
FL 19 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,900		
FL 19 @ 1 FL 20 @ 1'	7/19/2023	1	In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,700		
FL 20 @ 1 FL 21 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,700		
FL 22 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800		
FL 23 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800		
FL 24 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	23.0	23.0	<10.0	23.0	10,900		
FL 25 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,900		
FL 26 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120		
FL 27 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,400		
FL 28 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,760		
FL 29 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960		
FL 30 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	16.3	16.3	<10.0	16.3	6,960		
FL 31 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	30.0	30.0	11.9	41.9	7,200		
FL 32 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	27.6	27.6	<10.0	27.6	5,760		
FL 33 @ 1'	7/19/2023	1	In-Situ		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,240		
			5110	5.000	5.500	10.0	10.0	20.0	10.0	20.0	-,		

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance. Released to Imaging: 6/2/2025 4:13:15 PM

	Table 1           Concentrations of BTEX, TPH, and Chloride in Soil												
			Concer					in Soil					
				-	0.	Partners, L	LC						
					Riser 70 M		120771						
NMO	CD Closure C	ritorio			NMOCD Ref. #: nAPP2315139771           10         50         -         1.000         -						20.000		
	Reclamation			10	50	-	-	1,000	-	2,500 100	20,000 600		
Innoch	Reclamation	Stanuaru		SW 846		-	- 54	- 7 846 8015M I	- Fvt	100	4500 Cl		
		Donth	Soil	511 040	00210	CD C		GRO +			4300 CI		
Sample ID	Date	Depth (Feet)	Status	Benzene	BTEX	GRO C <sub>6</sub> -C <sub>10</sub>	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	ТРН С <sub>6</sub> -С <sub>36</sub>	Chloride		
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	$C_6 - C_{28}$	(mg/kg)	(mg/kg)	(mg/kg)		
FL 34 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	3,040		
FL 35 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120		
FL 36 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600		
FL 37 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920		
FL 38 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,160		
FL 39 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,720		
FL 40 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,310		
FL 41 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,500		
FL 42 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080		
FL 43 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368		
FL 44 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336		
FL 45 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	11.0	11.0	<10.0	11.0	7,440		
FL 46 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,480		
FL 47 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,320		
FL 48 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944		
FL 49 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240		
FL 50 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240		
FL 51 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,960		
FL 52 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,560		
FL 53 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,160		
FL 54 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920		
FL 55 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,900		
FL 56 @ 1'	7/19/2023			< 0.050	< 0.300	<10.0	16.2	16.2	<10.0	16.2	8,400		
FL 57 @ 1'	7/19/2023		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,530		
FL 58 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	12.7	12.7	<10.0	12.7	8,660		
FL 59 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,730		
FL 60 @ 1'	7/19/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,880		
FL 61 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,080		
FL 62 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,880		
FL 63 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,320		
FL 64 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,800		
FL 65 @ 1' FL 66 @ 1'	7/19/2023 7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400		
FL 66 @ 1 FL 67 @ 1'	7/19/2023	1	In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	5,600 5,600		
FL 67 @ 1 FL 68 @ 1'	7/19/2023	1	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,060		
FL 69 @ 1'	7/19/2023	1	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600		
FL 09 @ 1 FL 70 @ 1'	7/19/2023	1	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200		
FL 70 @ 1 FL 71 @ 1'	7/19/2023	1	Excavated	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,530		
FL 71A @ 4FT	7/25/2023	4	In-Situ	< 0.050	<0.300	<10.0	28.3	28.3	11.7	40.0	6,800		
FL 72 @ 1'	7/19/2023	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,400		
FL 72 @ 1 FL 72A @ 4FT		4	In-Situ	< 0.050	<0.300	<10.0	27.6	27.6	22.4	50.0	4,930		
1 L / L A W 41 1	112312023	4	m-situ	~0.030	~0.300	~10.0	27.0	27.0	22.4	50.0	т,950		

Dash (-): Sample not analyzed for that constituent. Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Concentrations of BTEX, TPIL, and Chloride in Soil           Super Energy Partners, LLC           NNOCD Cleare Criterio         10         50         1.00         2.560         2.500           Sample ID         Date         10         50         -         -         500           Sample ID         Date         Depth         Sait         10         30         -         -         -         500.00           Sample ID         Depth         Sait         600.00         600.00           1725/2023         A         In-Situ         0.500         -         -         50.00           1725/2023         A         In-Situ         0.500         0.000         -         -         A         7.600           1725/2023         A         In-Situ         0.500         -         -         -				C		Tabl						
NHOCD Sected 2         INHOCD Sected 2         Solution 10         Solution 2				Concer					n Soll			
NMOCD Reclamation Standard         10         50         -         -         10.00         -         10.00         colspan="4">600           SMUCD Closure Criteria         0         0         600           SW 866 9021B           T 272 2022         A         In-Situ         SW 866 9021B         SW 866 9021B           FT 72 72 2023         A         In-Situ         SW 866 9021B           FT 72 72 72 72 72         A         In-Situ         Colspan="4">SO 300         Clospan="4">Clospan="4">Clospan="4">Clospan="4">Clospan="4">Clospan="4">Clospan="4">Clospan="4">SO 40           FT 72 72 72 72         A         In-Situ         Clospan="4">SO 300         Clospan="4">Clospan="4">SO 40         Clospan="4">SO 400         SO 400         SO 400         Clospan="4">Clospan="4">Clospan="4"         Clospan="4">Clospan="4"         Clospan="4"           Clospan="4"         In-Situ					-	0.		LC				
NMOCD Closure Criteria         10         50         -         100         -         2.500         2.000           NMOCD Returnition Standard         10         50         -         -         -         100         -         100         600 C1           Sample ID         Date         Depth         Sature         Rescue         RESCUE         -         4400 C1         -         143         143         -         -         143         -         1000 C1         4300 C1         134         -         1000 C1         144         5.000         -         5000 C1         0000 C100 C100 C100 C100 C100 C100 C100								120771				
NMOCD Reclamation Standard         10         50         -         -         10         600           Sample ID         Date         Depth (rest)         Satatis         Status         Benzee (mgkg)         SW 866 8016         SW 866 8016         SW 866 8016         FU         SW 866 8016         SW 866 80	NMO	CD Classes C					APP2315	139771	4 0 0 0			
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Sample ID         Date         Depth (Peerb)         Saids Sams         Benzone (mg/kg)         BTEX (mg/kg)         GRO (mg/kg)         CRO (mg/kg)         GRO (mg/kg)         ORO (mg/kg)         TPI (mg/kg)         Choice (mg/kg)           FL 73 (a) 4FT         7/25/2023         4         In-Situ         <0.050	NMOCD	Reclamation	Standard	1			-	-	-	-	100	
Sample ID         Date         Product         Sample Brack         Rec. CRO         CRO         DRO         DRO         Car, C-Sample Brack         C-C-Sample Brack <th< td=""><td></td><td></td><td></td><td></td><td>SW 846</td><td>5 8021B</td><td></td><td>SW</td><td></td><td>Ext.</td><td></td><td>4500 CI</td></th<>					SW 846	5 8021B		SW		Ext.		4500 CI
Image         Image (mg/kg)         Image (mg/kg) <td>Sample ID</td> <td>Date</td> <td>-</td> <td></td> <td>Benzene</td> <td>BTEX</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Chloride</td>	Sample ID	Date	-		Benzene	BTEX						Chloride
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FL 107 @ 4FT       7/27/2023       4       In-Situ       <0.050       <0.300       <10.0       <10.0       <20.0       <10.0       <30.0       448         FL #108 @ 4FT       7/28/2023       4       In-Situ       <0.050												,
FL #108 @ 4FT       7/28/2023       4       In-Situ       <0.050												
FL #109 @ 4FT       7/28/2023       4       In-Situ       <0.050       <0.300       <10.0       <20.0       <10.0       <30.0       784         FL #110 @ 4FT       7/28/2023       4       In-Situ       <0.050			4									
FL #110 @ 4FT       7/28/2023       4       In-Situ       <0.050       <0.300       <10.0       <20.0       <10.0       <30.0       2,240         FL #111 @ 4FT       7/28/2023       4       In-Situ       <0.050			4									
FL #111 @ 4FT 7/28/2023 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 2,440												
			4									-
	<u> </u>		4									
FL #113 @ 4FT 7/28/2023 4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 1,310			4									

Dash (-): Sample not analyzed for that constituent. Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

	Table 1           Concentrations of BTEX, TPH, and Chloride in Soil												
			Concer					n Soil					
				-	Energy P Riser 70 M	· · · · ·	LC						
					D Ref. #: n		120771						
NMO	CD Closure C	riteria		10	50 Ster	AI I 2313	137771	1,000	-	2,500	20,000		
	Reclamation			10	50	-	-	1,000	-	100	600		
101002				SW 840		-	- SW	- 846 8015M	- Ext	100	4500 Cl		
		Depth	Soil	511 040	00210	CDO		GRO +		TDU	4500 C1		
Sample ID	Date	(Feet)	Status	Benzene	BTEX	GRO C <sub>6</sub> -C <sub>10</sub>	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	ТРН С <sub>6</sub> -С <sub>36</sub>	Chloride		
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>28</sub> (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
FL #114 @ 4FT	7/31/2023	4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	1,680		
FL #115 @ 4FT	7/31/2023	4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	1,840		
FL #116 @ 4FT		4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	2,880		
FL #117 @ 4FT		4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	1,060		
FL #118 @ 4FT		4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	1,100		
FL #119 @ 4FT		4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	640		
	7/31/2023	4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	3,640		
FL #121 @ 4FT		4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	672		
FL #122 @ 4FT		4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	1,800		
	7/31/2023	4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	976		
	7/31/2023	4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	880		
	7/31/2023	4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	1,170		
FL #126 @ 4FT		4	In-Situ	< 0.025	< 0.150	<10.0	29.0	29.0	36.8	65.8	592		
FL #127 @ 4FT		4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	208		
FL #128 @ 4FT		4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	672		
FL #129 @ 4FT		4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	336		
	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	80.0		
FL #131 @ 4FT FL #132 @ 4FT	7/31/2023	4	In-Situ In-Situ	<0.025 <0.050	<0.150	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	416 992		
	8/1/2023 8/1/2023	4	In-Situ In-Situ	<0.030	<0.300 <0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368		
FL #133 @ 4FT FL #134 @ 4FT	8/1/2023	4	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	752		
FL #134 @ 4FT FL #135 @ 4FT	8/1/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,020		
FL #136 @ 4FT		4	In-Situ		<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000		
FL #137 @ 4FT	8/1/2023	4	In-Situ		<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880		
FL #138 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,740		
FL #139 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600		
FL #140 @ 4FT	8/1/2023	4	In-Situ		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800		
FL #141 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360		
FL #142 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760		
FL #143 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	94.2	94.2	37.1	131	512		
FL #144 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400		
FL #145 @ 4FT	8/1/2023	4	In-Situ		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140		
FL #146 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	832		
FL #147 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400		
FL #148 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416		
FL #149 @ 4FT	8/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	55.5	55.5	53.2	109	464		
FL #150 @ 4FT	8/2/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0		
FL #151 @ 4FT	8/2/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480		
FL #152 @ 4FT	8/2/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448		
FL #153 @ 4FT	8/2/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400		
FL #154 @ 4FT	8/2/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0		

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance.

**Bold:** NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance.

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	) Closure Cr		Concen	Spur				n 8011											
				-	Energy 1	Concentrations of BTEX, TPH, and Chloride in Soil Spur Energy Partners, LLC													
				Riser 70 Main Line															
		NMOCD Ref. #: nAPP2315139771																	
		riteria		10	50	-	-	1,000		2,500	20,000								
	NMOCD Reclamation Standard					_	_	-	_	100	600								
				10 SW 846	50 5 8021B		SW	846 8015M											
		Depth	Soil	211010	00110	GRO	DRO	GRO +	ORO	ТРН	4500 Cl								
Sample ID	Date	(Feet)	Status	Benzene	BTEX	$C_6-C_{10}$	C <sub>10</sub> -C <sub>28</sub>	DRO	C <sub>28</sub> -C <sub>36</sub>	ГРП С <sub>6</sub> -С <sub>36</sub>	Chloride								
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>28</sub> (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)								
FL #155 @ 4FT 8/	8/2/2023	4	In-Situ	< 0.050	< 0.300	<10.0	49.3	49.3	44.4	93.7	32.0								
FL #156 @ 4FT 8/	8/2/2023	4	In-Situ	< 0.050	< 0.300	<10.0	26.9	26.9	16.0	42.9	384								
FL #157 @ 4FT 8/	8/2/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0								
FL #158 @ 4FT 8/	8/2/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784								
EW 1 7/	/19/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0								
EW 2 7/	/19/2023	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,930								
	/25/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160								
	/19/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0								
	/19/2023	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,730								
	/27/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288								
	/27/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0								
	/26/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144								
	/28/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0								
	/28/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288								
	/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	32.0								
	/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	80.0								
	/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	64.0								
	/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	448								
	/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	48.0								
	/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	128								
	3/1/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0								
	3/1/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0								
	8/1/2023		In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208								
	8/1/2023	0-4	In-Situ	< 0.050		<10.0	<10.0	<20.0	<10.0	<30.0	<16.0								
	3/1/2023 3/1/2023	0-4	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0								
	3/1/2023 3/1/2023	0-4	In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	32.0								
	3/2/2023	0-4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0								
	3/2/2023 3/2/2023	0-4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0								
	3/2/2023 3/2/2023	0-4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0								
	3/2/2023 3/2/2023	0-4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0								
	3/2/2023 3/2/2023	0-4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0								
	/26/2023	0-4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0								
	/27/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0								
	/27/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272								
	/27/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304								
	/27/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192								
	/28/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368								
	/28/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240								
	/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	16.0								
	/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	16.0								

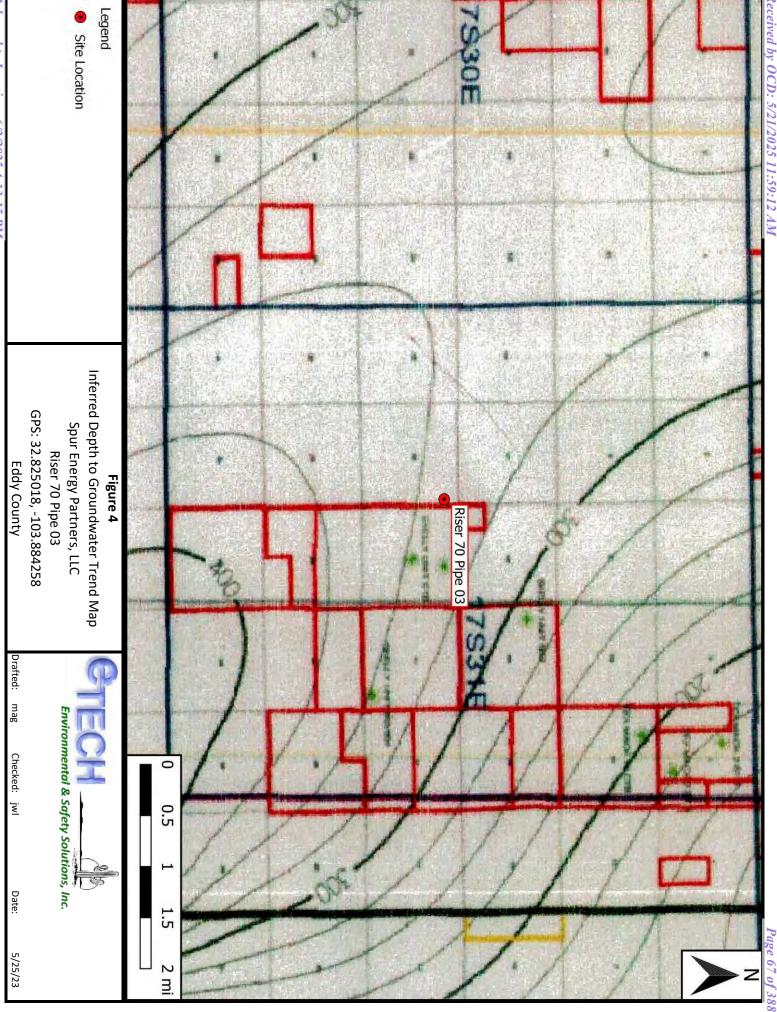
Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Table 1											
			Concen		of BTEX, T			in Soil			
				-	· Energy P		LC				
					Riser 70 N						
				NMOCI	D Ref. #: n	APP2315	139771			-	
	CD Closure C			10	50	-	-	1,000	-	2,500	20,000
NMOCD		10	50	-	-	-	-	100	600		
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO	DRO	GRO + DRO	ORO	ТРН	Chloride
		(Feet)	Status	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>10</sub> (mg/kg)	C <sub>10</sub> -C <sub>28</sub> (mg/kg)	C6-C28	C <sub>28</sub> -C <sub>36</sub> (mg/kg)	C <sub>6</sub> -C <sub>36</sub> (mg/kg)	(mg/kg)
GIN 1/1 0	<b>=</b> /2.1 /2.0.2.2	0.4	I G		0.150			(mg/kg)	,	× 8 8,	140
SW #10	7/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	448
SW #11	7/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW #12	7/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	352
SW #13	7/31/2023	0-4	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW #14	8/1/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW #15	8/1/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	13.1	13.1	13.6	26.7	32.0
SW #16	8/1/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
SW #17	8/1/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
SW #18	8/1/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW #19	8/1/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW #20	8/1/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW #21	8/2/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW #22	8/2/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW #23	8/2/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW #24	8/2/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW #25	8/2/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW 1	7/19/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 2	7/19/2023	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800
WW #3	7/26/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
WW #4	7/27/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
WW #5	8/2/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
V 1 @ Surf	6/1/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,600
V 1 @ 3'	6/1/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
V 2 @ Surf	6/1/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
V 2 @ 4.5'	6/1/2023	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,300
V 3 @ Surf	6/1/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
V 3 @ 4.5'	6/1/2023	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520
V 4 @ Surf	6/1/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
V 4 @ 3'	6/1/2023	3	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	832

# Appendix A Depth to Groundwater Information



	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 replaced, O=orphar C=the file closed)	ned,	L	· I			7 2=NE 3 st to larg	=SW 4=S est) (1	SE) NAD83 UT	M in m	neters)	(In feet)	
POD Number	Code	POD Sub- basin	County	Q Q (	-	Twe	Rng	х	,	Y	DistanceDepth	WellDenthWa	Water
<u>RA 13235 POD1</u>	Cour	RA	ED	1 1 1			31E	604631		-	217	102	ter Column
										Averag	ge Depth to Water:		
											Minimum Depth:		
											Maximum Depth:		
Record Count: 1													
UTMNAD83 Radius	s Search (in	<u>meters)</u>	<u>:</u>										
Easting (X): 604	435.97		North	ning (Y):	3632	439.95			Radius:	804.67			
The data is furnished by the N accuracy, completeness, reliab								standing t	hat the OSE	/ISC ma	ke no warranties, exp	• ·	

5/25/23 9:17 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

		(quarters are smallest to	largest)	(NAD83 UTM in meters)
Well Tag	POD Number	Q64 Q16 Q4 Sec	Tws Rng	X Y
NA	RA 13235 POD1	1 1 1 21	17S 31E	604631 3632537 🌍
Driller Licen	<b>se:</b> 1249	Driller Company:	ATKINS EN	GINEERING ASSOC. INC
Driller Name	: JACKIE D ATKI	NS		
Drill Start Da	ate: 10/08/2022	Drill Finish Date:	10/09/2022	Plug Date:
Log File Date	e: 11/04/2022	PCW Rcv Date:		Source:
Pump Type:		Pipe Discharge Size:		<b>Estimated Yield:</b>
<b>Casing Size:</b>		Depth Well:	102 feet	<b>Depth Water:</b>

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

5/25/23 9:18 AM

POINT OF DIVERSION SUMMARY



# WELL RECORD & LOG

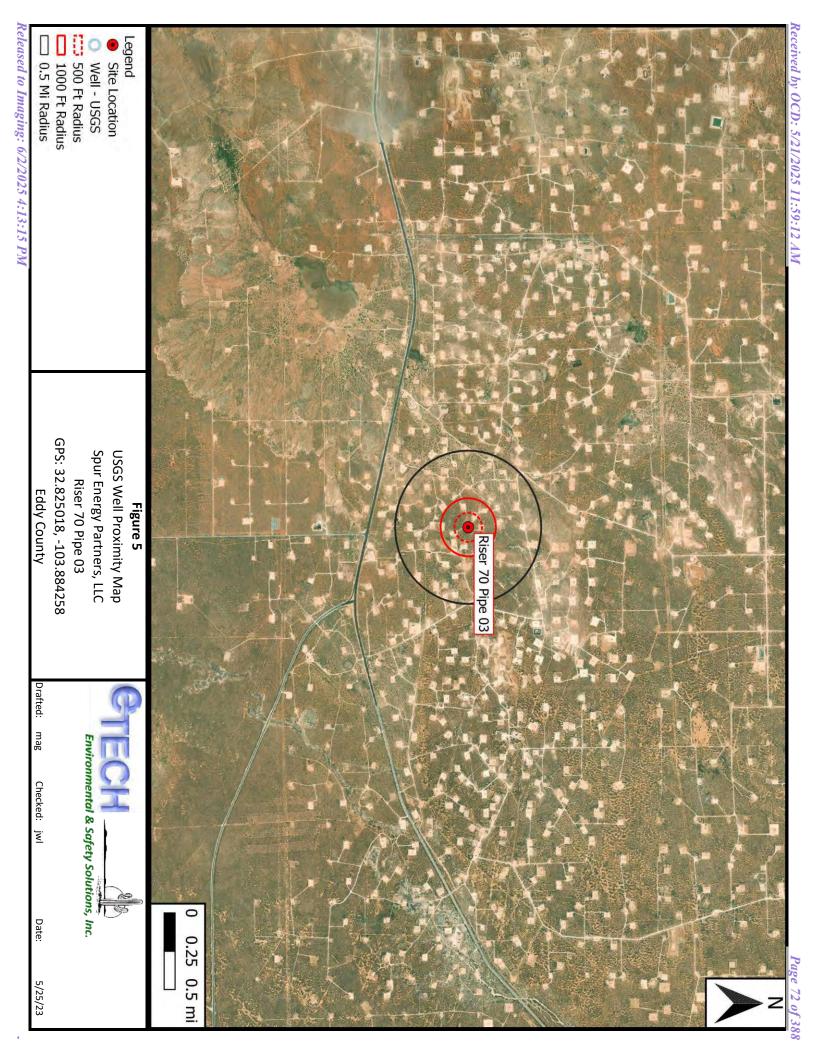
# OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

N	OSE POD NO. POD-1	(WELL NO	0.)		WELL TAG ID N n/a	0.		OSE FILE NO(S). RA-13235 PHONE (OPTIONAL)							
DCATIC	WELL OWNE Spur Energ				1										
WELL LO	WELL OWNE 919 Milam				CITY Houston		ST/ TX	ATE 77002	ZIP						
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS		TITUDE	DEGREES 32 103	32 49 33.16 <sub>N</sub>				* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84						
INE		LC	NGITUDE		52	55.8	-								
1. GF			NG WELL LOCATION 1 T17S R31E, NI		DDRESS AND COMM	ON LANDMA	ARKS – PLS	SS (SECTION, TO	WNSHJIP, RANC	GE) WHERE .	AVAILABLE				
	LICENSE NO. 124		NAME OF LICENS	ED DRILLER	Jackie D. Atkir	ns			NAME OF WE Atkin		G COMPANY ring Associates,	Inc.			
	DRILLING ST 10/8/2		DRILLING ENDER 10/9/2022	DEPTH OF	COMPLETED WELL 102	(FT)		le depth (ft) ±102	DEPTH WAT	ER FIRST EN	NCOUNTERED (FT n/a	)			
z	COMPLETED	WELL IS:	ARTESIAN	DRY	HOLE 🗍 SHALI	LOW (UNCO)	NFINED)		WATER LEVEL PLETED WELL	n/a	DATE STATIC MEASUREI 10/31/2022				
DIT	DRILLING FL	UID:	AIR	MUD	ADDIT	TVES - SPEC	CIFY:			100					
RMA	DRILLING M	ETHOD:	ROTARY H		CABLE TOOL 7 01	THER - SPEC	IFY: I	Hollow Stem	Auger	CHECK HER	E IF PITLESS ADA	PTER IS			
NFO	DEPTH (	feet bgl)	BORE HOL	CASI	(include each casing string, and CON				CASING	0.00					
2. DRILLING & CASING INFORMATION	FROM	то	DIAM (inches)	(inclu				ASING NECTION TYPE bling diameter)			ASING WALL THICKNESS (inches)	SLOT SIZE (inches)			
& CA	0	102	±6.5		Soil Boring				-		-	-			
NG	1						1								
ILLU	-	_										-			
DR.	-		-	-								-			
R			-									-			
			-												
	DEPTH (feet bgl) BORE HOLE				LIST ANNULAR SEAL MATERIAL			AND	AMO	UNT	METHOD OF				
ANNULAR MATERIAL	FROM	то	DIAM. (inche	s) G	GRAVEL PACK SIZE-RANGE BY INTI			ERVAL	(cubic	(cubic feet)		MENT			
TER	_			_											
MMA				-					03E 011	NOU 4 2	2022 PH4101				
ILAI		1		-											
INN															
3. A															
		-						-		1000		1000			
	OSE INTER	NAL USE			POD	10	1	WR-2 TRN 1			OG (Version 01/2	28/2022)			
	ATION	11-	13235	111	robi	NU.	1	WELL TAG I	/	3608		1 OF 2			
200	a a la conte	Alel	13. 016					WELL IAUI	UNO. IV		11101				

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	DEPTH (f	eet bgl)	1	COLOR AN	ND TYPE OF MATE	UAL EN	COUN	TERED -		WA	TER	ESTIMATEI YIELD FOR	
	FROM	FROM       TO       THICKNESS (feet)       INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)								BEA	RING? 5 / NO)	WATER- BEARING ZONES (gpm	
	0	4	4	Sand	, Fine-grained with ca	liche, Ta	nish wh	ite		Y	√ N		
	4	14	10	Sand, Fine	-grained, poorly grade	ed, uncor	nsolidate	ed, Tann		Y	√ N		
	17									Y	√ N		
	70	102	32		Clay, consolidated, R	eddish B	rown		11	Y	√ N		
										Y	N		
T		-		10						Y	N		
4. HYDROGEOLOGIC LOG OF WELL										Y	N		
OF										Y	N		
DO		· · · · · ·							- 1	Y	N		
ICI										Y	N		
LOC										Y	N		
GEO										Y	N		
RO										Y	N		
HYL										Y	N	1	
4										Y	N		
										Y	N		
										Y	N		
										Y	N		
										Y	N		
										Y	N		
			1							Y	N		
	METHOD U		STIMATE YIELD	OF WATER-BEARIN	IG STRATA: THER – SPECIFY:				TOTAL WELL		MATED D (gpm):	0.00	
5. TEST; RIG SUPERVISION	WELL TEST	STAR	T TIME, END TIN FORMATION: Re	ACH A COPY OF DA ME, AND A TABLE S moved well materia drated benonite hole	HOWING DISCHAR	GE ANI	D DRAV	0 feet below ce to surface	ground su	ESTI	NG PERIO	OD.	
r; RIG								09	EDITN	000	4 2022 Þ	M4;01	
S. TES				VISOR(S) THAT PRO	OVIDED ONSITE SU	PERVIS	ION OF	WELL CON	STRUCTI	ON (	OTHER T	HAN LICENSEE	
-"	Shane Eldric	lge, Came	ron Pruitt										
TURE	CORRECT F	ECORD C	F THE ABOVE D	IES THAT, TO THE I ESCRIBED HOLE AI 0 DAYS AFTER COM	ND THAT HE OR SH	E WILL	FILE 7						
6. SIGNATURE	Jack K	tkins		Ja	ackie D. Atkins			_		11/1/2022			
_		SIGNAT	TURE OF DRILLE	R / PRINT SIGNEE	NAME						DATE		
FO	R OSE INTERN	NAL USE						WR-20 WEI	L RECO	RD &	LOG (Ve	ersion 01/28/2022	
	ENO. R		3235		POD NO.			TRN NO.			28	<u></u>	
LO	CATION 2	1.17	S. 31E	111			WELL	TAG ID NO.	NA	7		PAGE 2 OF	



# Appendix B Field Data

Received by OCD: 5/21/2025 11:59:12 AM

Riser 70 Pipe 03



Project:

Project Number:

## Sample Log

 18238
 Latitude:
 32.825018
 Longitude:
 -103.884258

Sample ID	PID/Odor	Chloride Conc.	GPS
WHIP SUCHAIL	-	2.8 324 4	
WHIDI'		1.6 174 *	
VI@ Surface	_	28 H.S- +20 24,664 A	
VIAI		7.2 H. 5 10,340	
N2 @ surface		5.8 1208 +	
NA OI'		7.0 1820	
VA @ surface VA @ 1' VA @ Sv Auce		7.0 1820 5.8 H.S. \$ 5724 A	
1/2 @1'		4.4 116	
VY PSurface		3.0 764 +	
ITH DI		7.2 4.5. 10,340	
V102'		7.2 H.S. 10,340 4.2 H.S. 2992	
V2(2)2'	_	7.0 4.1. 4452	<u><u> </u></u>
V302'		6.8 H.S. 8664	
VYCL'		4.6. 145. 3532	
VIP3		3.0 364 #	
V2P3'			
V3(03)		7.2 H.J. 10340 5.3 1208	
V4 (P 31	-		-
VIQUE		7.6 H.S. 2476	
V3(24/5		5.0 14.5. 4152	
GICY'			
EL 2. E. Y'		4,6	
F13041			
ACIN 1			
EWI			
WWI			
WWI EWI WWI FLYDI'	~	7.0 4.5 9216	
FISDI		6.8 H.S. 8447	
FLERI.	~	7.4 H.S. 10,988	
FITOI	~	L.Y H.S	
FISDI'	-	() +()	
FIGO	-	7.0 4.5.	
FIDR	~	L. & U.S.	
FI 11/2/		Ŋ.D ·	
FI 12 DI			
FL. 1901'			7
Sample Point = SP #1 @ ## etc		, Test Trench = Π #1 @ ##	Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc		Refusal = SP #1 @ 4 <sup>k</sup> -R	Stockpile = Stockpile #1
Sidewall = SW #1 etc	1	Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Areas
SINC WON - STY HE CLL	01		
	1,11		$\sim$
	10	3	

Received by OCD: 5/21/2025 11:59:12 AM



## Sample Log

Date:

Longitude:

Project: Riser 70 Pipe 03 Project Number:

18238 Latitude:

32.825018

-103.884258

Sample ID	PID/Odor	Chloride Conc.	GPS
WW#3.	-	6,204	
WW#3.	- Annotation	2080	
FL#71, @4Ft	-	6,204	
FL# 12. Q. 4FF	-	4,872	
FL# 93, @ 4Ft	-	2,752	
Ew#3.	-	2580	
WW#3.	~	904	
WW#3.	-	1292	
EW#3.	-	972	
WW#3.	-	1,816	
Ew#3	-	192	
WW# 3.		25/2	
WW#2,	-4	1744	
WW# 3.	~	285	
FL# 74 6 4Ft	-	4872	
FL# 75 @ 4Ft	)	5,724	
FL# 76 @ 4FF	-	7.3 1.2	
FL # 17 G+ 4 Ff		4152 =	
FL# 78 6:4A	-	6204	
FL# 79 @ 4FP	-	4872	
FL# 80 6 4FF	-	2.308	
FL # 81 @ 4FF	-	4500	
FL # 82 6 4 FY	-	2,752	
FL # 83 6 4Ft	-	10,340	
FL # 84 6. 4FF	-	Gott	
FL # 85 Q4Ft		4,764	
FL # 86 @ 4 Ft		2144	
FL # 87 @ 4 FT	~ .	3180	
FL # 88 G. 4 Ft		2684	
EL #89 GYFt	-	1,696	
FL # 90 @ 4Ft	-	3,150	
FL # 91 @ 4Ft	-	2,684	
NW#2.	~	1,872	
FL# 92, 6 4 Ft	-	3:452	
FL# 93, 6, 4Ft	-	3924	
FL# 94. @ 4F1	-	4060	the first of the second se

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ## Refusal = SP #1 @ 4'-R Resamples= SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Sidewall = SW #1 etc

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

Stockpile = Stockpile #1

3



## Sample Log

Date:

Project Number:

Project:

Latitude:

Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
FL # 95, 6 4Ff	-	(872	
FL # 96 @ 4Ft	-	2884	
FL # 97. @ 4Ft	-	1092	
FL # 98 @ 4 Ft	-	216	
FL # 99. 6 4 FI	-	5,592	
FL # 100. @ 4 Ft	-	1352	
FL #101 @ 4Ft	-	4764	
SW#2		220	
WW#4.	-	216	
Sw#3.	-	356	
NIN#3.	-	736	
FL# 102, @ 4Ft	-	215	
FL# 103, @ 4Fr	-	1744	
NW#3,		892	
SW #4.	-	892	
NW#3.		356	
SWFF4. :	-	356	
FL#104 6 4 Fr	-	2512	
NWFY.	-	1588	
NW#4.	-	MD	
FL # 105 (a) 4 Ft	-	1588	
FL # 106 @ 9 FH FL # 107 @ 9 FH		576	
FL # 107 @ 4F1		3.56 2.328	
NW#5.	-	2,328	
SW#Sr		192 136	
Nu#5.	-	136	
Sw76.	-	428	
NWAG.		2,518	
FL # 108	-	680	
FL # 109		996	
FL # 110	-	3,452	
FL # 111	-	2512	
FL HIZ	-	284	
FL # 113	-	1,628	
NW #6		164	
SW#7	-	2548	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Sidewall = SW #1 etc

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



Sample Log

Date:

Project Number:

Project:

Latitude:

Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
NW#7.	-	380	
SW#17.	-	880	
SWAF 7.	-	380	
W#8.	-	ND	
NW#8,	-	ND	
Sw#9.	-	ND	
VW779.	-	184	
SW # 10.	-	452	
VW#10.	-	ND	
Sw# 11.	-	184	
NW#11.	-	364	
-L# 114 @ 4 FA	-	2080	
2 #115 @ 4 Ft	-	1588	
E #116 @ 4 F1	~	2588	
9 #117 6 4 Ft	-	11.28	
FZ FFIIS & 4 FH	-	1296	
FL # 119 6 4 Ft	-	7/6	
FL # 120 & 4 Ft	-	4060	
FZ #121 Q Y FT	-	656	
FL #122 64 FH	-	1820	
FL #123 @ 4 Fi	-	1296	
FX #124 G:4 F1	-	1052	
FL # 125 @ 4 Ft	-	1296	
=L # 126, @ 4 Ft	-		
W# 12.	-	604 364	
VWFF 12.	-	ND	
L# 127. @ 4 FT	-	248	
E # 128 & 4 Ft	-	776	
LH DB. 12964FI	-	364	
SWIF 13	-	ND	
VW# 13	-	124	
24130 6,4Ft	7	ND	
IHISI QUAR	-	364	
SW#14	-	ND	
VW#14	-	NO	
-1# 132 @ 4F4	-	1104	
C # Sample Point = SP #1@ ## etc I I C # Floor = FL #1 etc		300 Test Trench = TT #1@ ##	Resamples= SP #1 @ 5b or SW #1b

Sidewall = SW #1 etc

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



## Sample Log

Date:

Project Number:

Project:

Latitude:

Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
FL# 00 134 @ 4F+	-	880	
SW#15	-	ND	
NW#15	-	ND	
FL#135 6 4Ft	-	952	
FL#136 @ 4Ft	-	4,060	
Nw #16	-	200	
Sw#16	-	300	
FL# 137 6 4FF	-	1078	
FL#138 @ 4F1	-	1.364 576	
Sw#17	-	576	
NW#B17	-	ND	
SCHO			
FL#139 @ 4 Ft	-	6744	
FL# 140 @ 4 Ft	-	\$60	
Sw#18	-	200	
NW#18	-	ND	
FL#141 @ 4.Ft	-	1232	
FL#142 @ 4 Ft	-	1332	
Sw#19		MD	
NWH19		MD	
FL#143 @ 4Ff	-	680	
FL#144 @ 4F1	T	356	
FL# 145 @ 4 Fi	4	924	
Sw# 20	-	ND	
NW# 20	-	ND	
FL# 146 @ 4 FP	-	860	
FL #147@ 4 Fl	-	436	
Sw#21		ND	
NW#21		576	
FL # 148 @ 4 Ft	-	366 576	
FL# 149 @ 4 Ft Sw# 22	-		
Sw#22	-	ND	
NW# 22		ND	
FL# 150 @ 4 Ff FL# 151 @ 4 Ft		ND ND 576	
FL# 151 @ 4 Ft	-	576	
Sw# 23	-	ND	· true

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Sidewall = SW #1 etc

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

Q.		die
G	ECH_	(3)
	Environmental & Safet	y Solutions, Inc.

## Sample Log

Date:

Project Number:

Project:

Latitude: \_\_\_\_\_Longitude: \_\_\_\_\_

Sample ID	PID/Odor	Chloride Conc.	GPS
NW# 23 FL# 152 @ 9 FF	-	ND	
FL# 152 @ 4 FF	-	356	
FL# 153 @ 4 Ft	1	356	
Sw#24	1	ND	
& NWFI24	-	ND ND	
EL# 154 & 4Ft	-	ND	
FL # 155 @4Ft	-	1D	
FL #156 @4Ft	-	320	
ivw#5	-	260 136	
F1.#159 @ 4A	-	136	
FL# 1.58 @ 4 H Rock	-	528	
FL# 1.58 @ 4 H Rock NW# 25	+	5.28 220	
SW # 26	-	220	
			· · · · · · · · · · · · · · · · · · ·
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	L		
	ļ		

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ## Refusal = SP #1 @ 4'-R Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1

Floor = FL #1 etc

Sidewall = SW #1 etc

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

# Appendix C Laboratory Analytical Reports



July 26, 2023

ZACH CONDER Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: RISER 70 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 07/20/23 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 1 @ 4' (H233776-01)

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	07/24/2023	ND	2.10	105	2.00	1.05	
Toluene*	<0.050	0.050	07/24/2023	ND	2.04	102	2.00	1.70	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.09	105	2.00	1.86	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.31	105	6.00	2.11	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 2 @ 4' (H233776-02)

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	07/24/2023	ND	2.10	105	2.00	1.05	
Toluene*	<0.050	0.050	07/24/2023	ND	2.04	102	2.00	1.70	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.09	105	2.00	1.86	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.31	105	6.00	2.11	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	105 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 3 @ 4' (H233776-03)

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	07/24/2023	ND	2.10	105	2.00	1.05	
Toluene*	<0.050	0.050	07/24/2023	ND	2.04	102	2.00	1.70	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.09	105	2.00	1.86	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.31	105	6.00	2.11	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	11.4	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 4 @ 1' (H233776-04)

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	07/24/2023	ND	2.10	105	2.00	1.05	
Toluene*	<0.050	0.050	07/24/2023	ND	2.04	102	2.00	1.70	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.09	105	2.00	1.86	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.31	105	6.00	2.11	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7400	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 5 @ 1' (H233776-05)

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	07/24/2023	ND	2.10	105	2.00	1.05	
Toluene*	<0.050	0.050	07/24/2023	ND	2.04	102	2.00	1.70	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.09	105	2.00	1.86	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.31	105	6.00	2.11	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9860	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 6 @ 1' (H233776-06)

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	07/24/2023	ND	2.10	105	2.00	1.05	
Toluene*	<0.050	0.050	07/24/2023	ND	2.04	102	2.00	1.70	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.09	105	2.00	1.86	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.31	105	6.00	2.11	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9860	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 7 @ 1' (H233776-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8130	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	100 \$	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 8 @ 1' (H233776-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 9 @ 1' (H233776-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9860	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 10 @ 1' (H233776-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7460	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 11 @ 1' (H233776-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5460	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 12 @ 1' (H233776-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7730	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 13 @ 1' (H233776-13)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5060	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	216	108	200	5.89	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	228	114	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 14 @ 1' (H233776-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5330	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	52.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.6	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 15 @ 1' (H233776-15)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7700	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	56.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 16 @ 1' (H233776-16)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	58.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.0	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 17 @ 1' (H233776-17)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	57.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.6	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 18 @ 1' (H233776-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5300	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	57.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.8	% 49.1-14	8						

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## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 19 @ 1' (H233776-19)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5900	16.0	07/25/2023	ND	400	100	400	7.69	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	51.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.8	% 49.1-14	8						

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## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 20 @ 1' (H233776-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5700	16.0	07/25/2023	ND	416	104	400	3.77	QM-07
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	56.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.1	% 49.1-14	0						

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## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 21 @ 1' (H233776-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	5700	16.0	07/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	57.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 22 @ 1' (H233776-22)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	62.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 23 @ 1' (H233776-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10900	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	61.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 24 @ 1' (H233776-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	10400	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	23.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	55.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.6	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 25 @ 1' (H233776-25)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10900	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	57.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.3	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 26 @ 1' (H233776-26)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.14	107	2.00	0.967	
Toluene*	<0.050	0.050	07/23/2023	ND	2.07	103	2.00	0.0637	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.22	111	2.00	0.575	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.69	111	6.00	0.128	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	07/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	56.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.7	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 27 @ 1' (H233776-27)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	07/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	58.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.1	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 28 @ 1' (H233776-28)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	61.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.4	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 29 @ 1' (H233776-29)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	59.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 30 @ 1' (H233776-30)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	16.3	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	63.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.1	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 31 @ 1' (H233776-31)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	30.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	11.9	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	61.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.6	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 32 @ 1' (H233776-32)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	27.6	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	59.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.1	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 33 @ 1' (H233776-33)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	202	101	200	5.44	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	214	107	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	59.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.6	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 34 @ 1' (H233776-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/21/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 35 @ 1' (H233776-35)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/21/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.3	% 49.1-14	8						

### **Cardinal Laboratories**

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 36 @ 1' (H233776-36)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/21/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 37 @ 1' (H233776-37)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/21/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 38 @ 1' (H233776-38)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/21/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14							

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 39 @ 1' (H233776-39)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/23/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/23/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/23/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/21/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 40 @ 1' (H233776-40)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/21/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 41 @ 1' (H233776-41)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/21/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	100 \$	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 42 @ 1' (H233776-42)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/21/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 43 @ 1' (H233776-43)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 44 @ 1' (H233776-44)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 45 @ 1' (H233776-45)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	11.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 46 @ 1' (H233776-46)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	ND	2.17	108	2.00	1.84	
Toluene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	4.10	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.28	114	2.00	3.50	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.84	114	6.00	3.35	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 47 @ 1' (H233776-47)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 48 @ 1' (H233776-48)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	101 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 49 @ 1' (H233776-49)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 50 @ 1' (H233776-50)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 51 @ 1' (H233776-51)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8960	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 52 @ 1' (H233776-52)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8560	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 53 @ 1' (H233776-53)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	215	107	200	7.13	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	202	101	200	0.189	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	112 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 54 @ 1' (H233776-54)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 55 @ 1' (H233776-55)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12900	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 56 @ 1' (H233776-56)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	16.2	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 57 @ 1' (H233776-57)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8530	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 58 @ 1' (H233776-58)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8660	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	12.7	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

# Sample ID: FL 59 @ 1' (H233776-59)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5730	16.0	07/25/2023	ND	416	104	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 60 @ 1' (H233776-60)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 61 @ 1' (H233776-61)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 62 @ 1' (H233776-62)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: FL 63 @ 1' (H233776-63)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

### **Cardinal Laboratories**

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 64 @ 1' (H233776-64)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 65 @ 1' (H233776-65)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 66 @ 1' (H233776-66)

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	07/24/2023	ND	2.25	113	2.00	1.80	
Toluene*	<0.050	0.050	07/24/2023	ND	2.20	110	2.00	0.777	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.12	106	2.00	1.58	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.33	106	6.00	1.89	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	100 \$	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

### Sample ID: FL 67 @ 1' (H233776-67)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 68 @ 1' (H233776-68)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7060	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 69 @ 1' (H233776-69)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	120 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 70 @ 1' (H233776-70)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 71 @ 1' (H233776-71)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6530	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

#### Sample ID: FL 72 @ 1' (H233776-72)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

# Sample ID: NW 1 (H233776-73)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/22/2023	ND	201	100	200	2.84	
DRO >C10-C28*	<10.0	10.0	07/22/2023	ND	213	106	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

# Sample ID: NW 2 (H233776-74)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5730	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/24/2023	ND	203	102	200	1.66	
DRO >C10-C28*	<10.0	10.0	07/24/2023	ND	206	103	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/24/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

# Sample ID: EW 1 (H233776-75)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/24/2023	ND	203	102	200	1.66	
DRO >C10-C28*	<10.0	10.0	07/24/2023	ND	206	103	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/24/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

# Sample ID: EW 2 (H233776-76)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8930	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/24/2023	ND	203	102	200	1.66	
DRO >C10-C28*	<10.0	10.0	07/24/2023	ND	206	103	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/24/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: WW 1 (H233776-77)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/24/2023	ND	203	102	200	1.66	
DRO >C10-C28*	<10.0	10.0	07/24/2023	ND	206	103	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/24/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/20/2023	Sampling Date:	07/19/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	UL/A SEC20 T17S T31E		

## Sample ID: WW 2 (H233776-78)

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	07/24/2023	ND	2.01	100	2.00	2.14	
Toluene*	<0.050	0.050	07/24/2023	ND	2.17	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	07/24/2023	ND	2.19	109	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/24/2023	ND	6.51	108	6.00	3.82	
Total BTEX	<0.300	0.300	07/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	07/25/2023	ND	432	108	400	3.77	
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	07/24/2023	ND	203	102	200	1.66	
DRO >C10-C28*	<10.0	10.0	07/24/2023	ND	206	103	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/24/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

٠

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

	e: Spur Energy F	artners, LLC						12		B	ILL TO	67777	8				ANAL	/010	DEOU	FOT		
Project Manage	er: Zach Conder						. 4	P	.0. #:			9220	1		1	1	ANAL	515 1	REQU	EST		
Address: 310	00 Plains Hwy							c	ompan	v:	Spur Energy P	Partmens III C	1									
City: Lovingt	on	State: NM	Zi	p:	8826	0			ttn: K	-			1		1							
Phone #: 575	5-396-2378	Fax #: 575-39	6-1429			-			ddress		CIT VIS											
Project #: 182	238	Project Owner			inergy P	artner	. 11/			*	-		۰.		1						1 1	
Project Name:	Riser 70 Main Line				incigy r		S, LLI				211										1 1	
	n: UL/ A Sec 20 1							-	ate:	-	Zip:	11	1								1 1	
Sampler Name:	0211000201	Migue	D					-	none #													
FOR LAB USE ONLY		wigue	1 K.	-	-	MATE	NIX	Fa	X #:	-	SAMPL		4								1 1	
Lab I.D.	Sampl	e I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER :	ACID/BASE: ICE / COOL	OTHER :	DATE	TIME	Chloride	трн	BTEX 8021							
	FL 1 @ 4'		С			X			X		7/19/23	8:00	X	Х	X			-	+	+	+	-
	FL 2 @ 4'		C			X			X		7/19/23	8:02	X	х	X				+	-	+	-
	FL 3 @ 4'		C			Х			X		7/19/23	8:04	X	X	X			-	-		+	-
	FL 4 @ 1'		C			Х			X		7/19/23	8:06	x	х	X				-	-	+	-
	FL 5 @ 1'		C			Х			X		7/19/23	8:08	х	х	X			-	-			-
	FL 6 @1'		С			Х			X		7/19/23	8:10	X	X	X				-	-	+ +	-
	FL 7 @1'	A	C			Х	1		X		7/19/23	8:n	X	х	X				-	1	+	-
0	FL 8 @1'		C			X			X		7/19/23	8:14	X	X	X					-	++	-+
1	FL 9 @1'		C			X			X		7/19/23	8:16	X	X	X			-	-	+		-+
10	FL 10 @1' Damages. Cardinal's lability and hose for negligence and any othe		C			X			X		7/40/00	A	X	X	X	-		-			+ +	_

d any other cause whatsoever shall be deemed waked unless made in writing and received by Cardinal within 30 days after completion of the applicable service. It 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 as the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated r s or otherwise

Relinquished By: Date: Received B Phone Result: Yes O No Add'l Phone #: 0 Fax Result: □ Yes □ No Add'l Fax #: Time REMARKS: Email results to L zach@etechenv.com Relinguished By: Date: Received By: Time: Delivered By: (Circle One) #140 Sample Condition CHECKED BY: Cool Intact (Initials) Sampler - UPS - Bus - Other: Yes Yes ·loc 0 D No No

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

FORM-006 R 2.0

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

Company Name	and an and a state of a	LLC	_					10		BILL TO		2				ANA	LYSIS	REC	QUEST			-
Project Manage	er: Zach Conder							P.0	#:	×15-						T						
Address: 310	00 Plains Hwy							Con	pany:	Spur Energy	Partners, LLC	1										
City: Lovingto	on State:	NM	Zij	p:	8826	0		Attn	: Kath			1										
Phone #: 575	5-396-2378 Fax #:	575-396-1	429					-	ress:	1												
Project #: 182	238 Project	t Owner:	Sp	bur Ei	nergy Pa	artner	s LLC	City		105	-	1										
Project Name:	Riser 70 Main Line						-,	Stat	2	Zip:	1.0		1									
Project Location	n: UL/ A Sec 20 T17S - R3	31E							ne #:	Lip.	12.000				1							
Sampler Name:		Miguel R.						Fax				1	1									
FOR LAB USE ONLY			Г	Г		MAT	RIX	-	RESER	V. SAMPI	ING	1										
			MP.								1	1										
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMF	# CONTAINERS	<b>GROUNDWATER</b> <b>NASTEWATER</b>	SOIL	OIL	OTHER :	ICE / COOL	DATE	TIME	Chloride -	TPH	BTEX 8021	ì.							
11	FL 11 @1'		c	1		X	0110		X	7/19/23	8:20	X								_	+	+
	FL 12 @1'		c	H		X	-		x	7/19/23	8:22	X	X	X	-			-	-	_	-	+
13	FL 13 @1'		С	Н		X	-		x	7/19/23	8:24	x	X	X	-			-			-	+
14	FL 14 @1'		С	П		x			X	7/19/23	8:26	x	x	x	-			-		-	-	+
15	FL 15 @1'		С	П		x			X	7/19/23	8:28	Â	x	x			-	-	-	_	-	+
	FL 16 @1'		С	Π		X			X	7/19/23	8:30	x	x	x			-		-+			+
16.	FL 17 @1'		С			X			X	7/19/23	8:32	X	x	x					-+		-	+
18	FL 18 @1'		С			x			X	7/19/23	8:34	X	x	x					-+		+	+
19 1	FL 19 @1'		С			x			X	7/19/23	8:36	x	x	x			-		-		+	+
	FL 20 @1'			- 1		x		-	X	1	8:38	~	~	~					- I		1	

11

vices hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated r Relinquished By: Date: Received By 20 Phone Result: Yes D No Add'l Phone #: Fax Result: □ Yes □ No Add'I Fax #: REMARKS: Email results to zach@etechenv.com Relinquished By: Date: Received By: Time: RUSH Delivered By: (Circle One) Sample Condition CHECKED BY: H Cool Intact (Initials) Sampler - UPS - Bus - Other: No No 0 2 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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FORM-006 R 2.0



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

	e: Spur Energy Partners, Ll	LC						B	ILL TO	1993	8		-	-	ANAL	2121	REQUE	OT	_	_
Project Manage	er: Zach Conder						P.O.		1010 -		1	T	T	1		1313	REQUE	51	-	
Address: 31	00 Plains Hwy						Com	pany:	Spur Energy F	adheet 11.C	11	1								
City: Loving	ton State:	NM 2	Zip:	88260	0			Kathy		arosets, LLC	1									
Phone #: 57	5-396-2378 Fax #:	575-396-142	9				Addre			_	6									
Project #: 18	238 Project	Owner:	Spur	Energy Par	tners	_														
Project Name:	Riser 70 Main Line			3) 1 4	a lor o,		State:				1									
Project Locatio	n: UL/ A Sec 20 T17S - R31	E 👗					Phone		Zip:	1.000										
Sampler Name:		Miguel R.					Fax #			- Ru	1.									
FOR LAB USE ONLY		J	Т		ATRI	_	-	ESERV	SAMPL	ING	-	1								
Lab I.D.	Sample I.D.		CONTAINERS	GROUNDWATER WASTEWATER	SUL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL OTHER :	DATE	TIME	Chloride	трн	BTEX 8021							
	FL 21 @ 1'	(			X			X	7/19/23	8:40	X	X	X		-	-	-	+		
	FL 22 @ 1'	(			x			X	7/19/23	8:42	X	X	X		-	-		-		-
	FL 23 @ 1'	(	:		x	$\square$		x	7/19/23	8:44	x	X	x		-	-	-	-		
	FL 24 @ 1'	0			x			x	7/19/23	8:46	x	X	X				-	-		-
25	FL 25 @ 1'	0			x			x	7/19/23	8:48	x	X	x		-	-	-	-		
26	FL 26 @ 1'	0			(			x	7/19/23	8:50	x	X	x	-		-		-		
al	FL 27 @ 1'	C	1		(			x	7/19/23	8:52	x	X	x	-	-	-				-
08	FL 28 @ 1'	0		)	(			x	7/19/23	8:54	£	X	x	-		-	-			
24	FL 29 @ 1'	0			-			x	7/19/23	8:56	x	X	x	-		-	-	-		
30	FL 30 @ 1' Damages. Cardinal's liability and client's exclusive in	C						x	7/19/23	8:50	A	x	x		-	-	_			

PLEAGE NOTE: Clearing and Damages. Cardinals bability and clearit's exclusive remedy for any clear arising whether based in contract or tort, shall be limited to the amount paid by the clearit for the analyses. All clears including those for negligance and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no gent shall Cardinal be lable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

affiliates or subpediors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise Relinquished By: Date: Received By Phone Result: 22 Yes Add'l Phone #: □ No 0 Fax Result: □ Yes □ No Add'l Fax #: Time REMARKS: Email results to zach@etechenv.com Relinquished By: Date: Received By Time: Delivered By: (Circle One) Sample Condition CHECKED BY: Cool Intact (Initials) Sampler - UPS - Bus - Other: Yes Yes Ð

No No

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

Company Name:	: Spur Energy Partners, LLC						2	B	ILL TO					4	NALY	SIS RE	QUES	т		
Project Manager	r: Zach Conder					4	P.0	#: 1	A.K.		1.			Í						
Address: 3100	0 Plains Hwy						Cor	npany:	Spur Energy P	adhers 110	1	1								
City: Lovingto	on State: NM	Zi	p:	88260	)		-	: Kathy	115	a prois, ELC	1									
Phone #: 575-	-396-2378 Fax #: 575-396-		-	00200	-		-	ress:	F ULVIS		1.									
Project #: 1823			-	nergy Pa	deare	-	-		100	-									- 1	
	Riser 70 Main Line	0		neigy ra	i u iei s,	-	Stat		-	1.00		÷								
	UL/ A Sec 20 T17S - R31E					-			Zip:	1.1.4						- C			- 1	
Sampler Name:						_	-	ne #:			1									
FOR LAB USE ONLY	Miguel R	T	-		MATRI	_	Fax	#: PRESERV	SAMPL	INC.	-									
		a.				ÎT	f	RESER	SAMPL	ING										
Lab I.D. H233776	Sample I.D.	(G)RAB OR (C)OMP	AN N	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER :	ACIU/BASE: ICE / COOL OTHER :	DATE	TIME	Chloride	трн	BTEX 8021							
	FL 31 @ 1'	C			X		Т	X	7/19/23	9:00	x	х	X				-		-	-
32	FL 32 @ 1'	С			x			X	7/19/23	9:02	x	X	X						-	-
33 1	FL 33 @ 1'	С			x			X	7/19/23	9:04	x	х	X				-			-
	FL 34 @ 1'	С			X			X	7/19/23	9:06	x	х	X							-
35 F	FL 35 @ 1'	С			X			X	7/19/23	9:08	X	х	X	1.0						-
36 F	FL 36 @ 1'	С			х			X	7/19/23	9:10	X	Х	X							
37 F	FL 37 @ 1'	С			X	4		X	7/19/23	9:12	X	X	X				1			-
	FL 38 @ 1'	С			х			X	7/19/23	9:14	X	х	X							-
	FL 39 @ 1'	C			х			X	7/19/23	9:16	X	х	x				1			-
LIDE	FL 40 @ 1'	C			X		1	X	7/19/23	9:18	X	X	X		-	-	1			

PLEASE NOTE: Lisbility and Damagee. Cardina's lability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for seglegance aged any other cause whatboews shall be deemed wated unless made he writing and received by Cardina's thin's 30 days after completion of the applicable service. In so event shall cardinate likelies for updetail or consequental damaget, including whout limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiaries, attiliates of successors arising out of operative consequental damaget, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiaries, attiliates of successors arising out of operative consequental damaget, including without limitation of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Phone Result:         Yes         No         Add'l Phone #:           Fax Result:         Yes         No         Add'l Fax #:
Relinquished By: Date: Received By:	REMARKS: Email results to zach@etechenv.com
Time:	RUSH
Delivered By: (Circle One)     #140     Sample Condition     CHECKED BY:       Sampler - UPS - Bus - Other:     1,6c     Yes     Yes	

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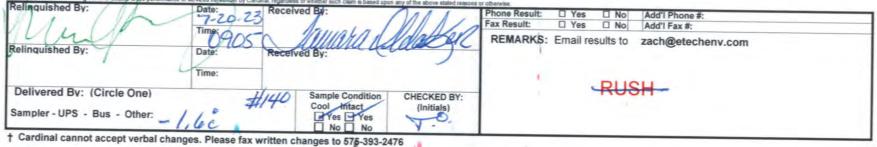
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

	Impany Name:         Spur Energy Partners, LLC           ect Manager:         Zach Conder           ress:         3100 Plains Hwy						10		BI	LL TO	1111					ANAL	YSIS	RE	QUES	т		-		
Project Manager	: Zach Conder								P.(	D. #:		XALL		-							T	<u>.</u>		
Address: 3100	0 Plains Hwy								Co	mpan	v:	Spur Energy P	athen IIC	1	1									- 1
City: Lovingto	n	State:	NM	Zij	D:	8826	0		1	n: K	-	21.55	areas, LEC		1									
Phone #: 575-	396-2378	Fax #:	575-396-1	-	-		-			dress		01413	1 days in		-									
Project #: 1823	38		t Owner:			nergy Pa	adner		-				-	1										- 1
Project Name:	Riser 70 Main Line			- 04		icigy ra		S, LLU	Sta		-	71	125.4											
			1E						1		-	Zip:	100.0											
ampler Name: UL/ A Sec 20 T17S - R31E Miguel R.						-	one #				1			11										
FOR LAB USE ONLY			Niguel R.	1			MATE	RIX	Fax	FRES	ERV	SAMPL	NC.	11									- 1	
Lab I.D. H233776	Sampl	e I.D.	٨	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER :	ACID/BASE: ICE / COOL	OTHER :	DATE	TIME	Chloride -	трн	BTEX 8021								
41 F	FL 41 @ 1'			С			X		Ĭ	X		7/19/23	9:20	X	X	X		-		-			-+	-
	FL 42 @ 1'			С			х			X		7/19/23	9:22	x	X	x		-					-+	
43 F	EL 43 @ 1'			С			х			X		7/19/23	9:24	X	X	x		-		-			-+	-
44 F	L 44 @ 1'			С			X			X		7/19/23	9:26	x	X	X		-		-				-+
	L 45 @ 1'			С			Х			X		7/19/23	9:28	x	X	X								-+
	L 46 @ 1'			С			X			X		7/19/23	9:30	X	х	x				1			-	-+
	L 47 @ 1'			С			X			X		7/19/23	9:32	X	x	x							-+	-
48 F	L 48 @ 1'			С			X			X		7/19/23	9:34	X	X	X						-	-	+
	L 49 @ 1'			С			X			X		7/19/23	9:36	x	x	X		-	-				-+	-
50 F	L 50 @ 1'			С			x			X		7/19/23	9:38	X	X	X	-	-	-			-	-	

100 1 1

PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based is contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatboever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses.

service. In this event shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affliates or successors arking out of or reliable togets performance of services hereinder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.



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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	Appany Name:         Spur Energy Partners, LLC           ect Manager:         Zach Conder           ress:         3100 Plains Hwy							2	20	B	ILL TO		8				ANA	YSIS	REC	QUES	т			
Project Manage	er: Zach Conder								Ρ.	0. #:		11		1			1				JUL3			
Address: 31	00 Plains Hwy								c	ompan	v:	Spur Energy P	artnars 110	11										
City: Lovingt	ton	State:	NM	Zip	<b>D:</b>	8826	60			tn: K		011		5			1							
Phone #: 575	5-396-2378	Fax #:	575-396-1	429						dress					1									
Project #: 182	238	Project	t Owner:	Sn	ur Fr	nergy F	artne	rs 110	-		-		-	1		1								
Project Name:	Riser 70 Main Line		٨					3, LL1		ate:	_	Zip:	12		h -		L '							
Project Location	n: UL/ A Sec 20 T	17S - R3	1E					8	1	none #	1	Lip.	a Trank	1		1								
ampler Name: Miguel R.						-	x #:			6.84	1													
FOR LAB USE ONLY				Т			MAT	RIX	p a	PRES	ERV.	SAMPL	ING	1										
Lab I.D. H233776	Sample	e I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	OIL	OTHER :	ACID/BASE: ICE / COOL		DATE	TIME	Chloride	трн	BTEX 8021								
	FL 51 @ 1'			С			X			X		7/19/23	9:40	X	X	x			-			-	-	-
	FL 52 @ 1'			С			X			X		7/19/23	9:42	X	x	x						-		-+-
	FL 53 @ 1'		_	С			X			X		7/19/23	9:44	x	x	x						-		-
	FL 54 @ 1'			С			X			X		7/19/23	9:46	x	X	X							-+	-+
	FL 55 @ 1'			С			X			X		7/19/23	9:48	X	X	x						-	-	-
	FL 56 @ 1'			С			X			X		7/19/23	9:50	X	X	X						-	-	+
	FL 57 @ 1'			С			X			X		7/19/23	9:52	X	X	X	- h						-	-
	FL 58 @ 1'			С			X			X		7/19/23	9:54	×	X	x						-	-	-
59	FL 59 @ 1'			С			X			X		7/19/23	9:56	X	X	X						-	-	-
60	FL 60 @ 1' Damages. Cardina's liability and cl			C			X			X		7/19/23	9:58	X	v	X		-	-	-	-	-	-	-

dina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In so 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 subaidaries,

affiliates or sugressors arising out of or related to the nce of services hereo et by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.



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

Company Nam		armers, LLC						10		BILL	TO	9000	8				ANIA	I VOI	0.05	011505			-
	er: Zach Conder							P.0			11-1		-		1	T	ANA	LISI	SKE	QUEST			_
Address: 31							- 11	Cor	npany	: Spur	Energy P	artners, LLC	1.										
City: Lovingt	ton	State: NM	z	ip:	8826	0				hy Purvis			1				1						
Phone #: 575	5-396-2378	Fax #: 575-	396-1429	)					ress:		-	-											
Project #: 182	238	Project Own	er: s	pur B	Energy Pa	adhers	. 110	-		-		-	1		1.								
Project Name:	Riser 70 Main Line						3, LLU	Stat	100	-	11	-	4										
Project Location	n: UL/ A Sec 20 T1	7S - R31E								Zip:		1 10.1	1					1	<u></u>				
Sampler Name:			uel R.					1	ne #:														
FOR LAB USE ONLY		mig		T		MATE	2IX	Fax	#: PRESER				1		1								
			4					Ľľ	RESER	V. S	AMPL	NG		1									
Lab I.D.	Sample	I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER :	ICE / COOL	PD OTHER:	ATE	TIME	Chloride	трн	BTEX 8021								
	FL 61 @ 1'		С			X			X		9/23	10:00	k	X	X						$\rightarrow$	-	_
	FL 62 @ 1'		С			Х			X	-	9/23	10:02	X	X	X		-	-		-			_
	FL 63 @ 1'		С			x			X	7/19		10:01	X	x	X	-							_
	FL 64 @ 1'		С			X			X	7/19		10:06	x	X	X	-			-			_	
	FL 65 @ 1'		С			X			X	7/19		10:08	x	X	x		-		-		-+	-	
	FL 66 @ 1'	· · ·	С			X			X	7/19	-	10:10	x	X	X	- 1						-	_
	FL 67 @ 1'		С			x			x	7/19		10:12	x	X	X				-			-	_
68	L 68 @ 1'		С			x	1		x	7/19		10:14	x	x	x		-		-			-	-
	EL 69 @ 1' EL 70 @ 1'		C		1	X			X	7/19		10:16	x	x	X				-			-	4

service. In so event shall Cardinal by Gele for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, ned waived unless made in writing and received by Cardinal within 30 days after completion of the applicable



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

A

Company Nam	1	artners, LLC						20	B	BILL TO	1	8		_			1/010				
Project Manag	er: Zach Conder							P.O.		71		-	-	-	-	ANAL	YSIS	REQU	EST	_	
Address: 31	00 Plains Hwy							-		781	-	-									
City: Loving	ton	State: NM	M	Zip:	88260				pany:		Partners, LLC	-									
Phone #: 57	5-396-2378	Fax #: 57			00200				Kathy	Purvis		4		1							
Project #: 18								Addre			1		-	1	1						
	Riser 70 Main Line	Project Ow	wner:	Spur	Energy Par	tners,	LLC	City:					1								
								State		Zip:			h -								
	n: UL/ A Sec 20 T	17S - R31E						Phone	e #:												
FOR LAB USE ONLY		M	liguel R.	_			_	Fax #:				11	P		1						
I ON DRO USE UNLY				1	N	ATRI	X	PR	ESERV	SAMPL	ING	11									
Lab I.D.		e I.D.		(G)RAB OR (C)OMP	GROUNDWATER WASTEWATER	OIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL OTHER :	DATE	TIME	Chloride	трн	BTEX 8021							
	FL 71 @ 1'		_	C	1	K I			X	7/19/23	10:20	x	x	X			-	-	+-	+ +	
72	FL 72 @ 1' NW1		_	C	)	<			X	7/19/23	10:22	X	x	x		-	-		-		-
4			_		)	(			х	7/19/23	10:24	X	x	x		+	-		-		-
	NW2				)	(			X	7/19/23	10:26	X	X	x		-		-	-		-
	EW1				)	(			Х	7/19/23	10:28	X	X	x		-	+	-	-		-
76			(	1	)				X	7/19/23	10:30	X	x	x		+	-		-		
	WW1				X	-			X	7/19/23	10:32	x	X	x				-	-		-
10	WW2		0		X				x	7/19/23	10:34	x	X	X			-	-	-		-

r cause whatsoever shall be deemed waived unless made to writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

ors arising out of or related to the performance of services hereinder by Cardinal, regardless of whether a

Relinquished By: such claim is based upon any of the above stated rea es or otherwise Date: Received B 7-20-23 Phone Result: Yes Add'l Phone #: No Time: 0905 Fax Result: □ Yes D No Add'I Fax #: REMARKS: Email results to zach@etechenv.com Relinquished By: Date: Received Time: Delivered By: (Circle One) Sample Condition CHECKED BY: #140 Cool Intact Sampler - UPS - Bus - Other: (Initials) Ves Yes O 1,6c † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

kr.



July 27, 2023

ZACH CONDER

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RISER 70 PIPE 03

Enclosed are the results of analyses for samples received by the laboratory on 07/26/23 12:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 71 @ 4FT (H233902-01)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	07/26/2023	ND	416	104	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	07/26/2023	ND	174	86.8	200	10.2	
DRO >C10-C28*	28.3	10.0	07/26/2023	ND	187	93.7	200	4.37	
EXT DRO >C28-C36	11.7	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 72 @ 4FT (H233902-02)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4930	16.0	07/26/2023	ND	416	104	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	07/26/2023	ND	174	86.8	200	10.2	
DRO >C10-C28*	27.6	10.0	07/26/2023	ND	187	93.7	200	4.37	
EXT DRO >C28-C36	22.4	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 73 @ 4FT (H233902-03)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	07/26/2023	ND	416	104	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	07/26/2023	ND	197	98.5	200	0.542	
DRO >C10-C28*	34.3	10.0	07/26/2023	ND	209	104	200	2.26	
EXT DRO >C28-C36	17.8	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	103 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	<i>49.1-14</i>	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 74 @ 4FT (H233902-04)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	07/26/2023	ND	416	104	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	07/26/2023	ND	197	98.5	200	0.542	
DRO >C10-C28*	14.3	10.0	07/26/2023	ND	209	104	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 75 @ 4FT (H233902-05)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	07/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.4	10.0	07/26/2023	ND	197	98.5	200	0.542	
DRO >C10-C28*	672	10.0	07/26/2023	ND	209	104	200	2.26	
EXT DRO >C28-C36	189	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	149	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 76 @ 4FT (H233902-06)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	07/26/2023	ND	416	104	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*	14.7	10.0	07/26/2023	ND	197	98.5	200	0.542	
DRO >C10-C28*	773	10.0	07/26/2023	ND	209	104	200	2.26	
EXT DRO >C28-C36	232	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 77 @ 4FT (H233902-07)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	07/26/2023	ND	432	108	400	0.00	QM-07
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	07/26/2023	ND	197	98.5	200	0.542	
DRO >C10-C28*	333	10.0	07/26/2023	ND	209	104	200	2.26	
EXT DRO >C28-C36	108	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 \$	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 78 @ 4FT (H233902-08)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	07/26/2023	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	07/26/2023	ND	197	98.5	200	0.542	
DRO >C10-C28*	13.4	10.0	07/26/2023	ND	209	104	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 79 @ 4FT (H233902-09)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/26/2023	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	07/26/2023	ND	197	98.5	200	0.542	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	209	104	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	07/27/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: EW #3 (H233902-10)

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	07/26/2023	ND	1.95	97.7	2.00	4.75	
Toluene*	<0.050	0.050	07/26/2023	ND	1.88	93.9	2.00	5.79	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	1.96	98.2	2.00	4.83	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	5.88	98.0	6.00	5.18	
Total BTEX	<0.300	0.300	07/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/26/2023	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	07/26/2023	ND	197	98.5	200	0.542	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	209	104	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-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

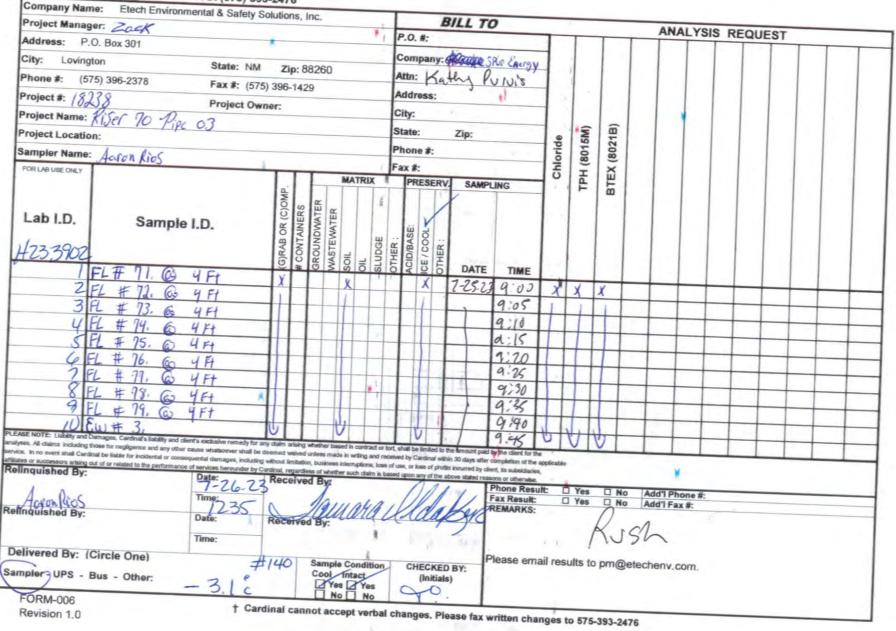
Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

A			
	RDINAL	LABOR	ATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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



1.11

AM

Received by OCD: 5/21/2025 11:59:12

Released to Imaging: 6/2/2025 4:13:15 PM

13 Page 13 of



September 06, 2023

ZACH CONDER

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RISER 70 PIPE 03

Enclosed are the results of analyses for samples received by the laboratory on 07/27/23 9:35.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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. Keine

Celey D. Keene Lab Director/Quality Manager

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# Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: Project Number: Project Manager: Fax To:		Reported: 06-Sep-23 15:41
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL 80 @ 4FT	H233935-01	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 81 @ 4FT	H233935-02	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 82 @ 4FT	H233935-03	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 83 @ 4FT	H233935-04	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 84 @ 4FT	H233935-05	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 85 @ 4FT	H233935-06	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 86 @ 4FT	H233935-07	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 87 @ 4FT	H233935-08	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 88 @ 4FT	H233935-09	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 89 @ 4FT	H233935-10	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 90 @ 4FT	H233935-11	Soil	26-Jul-23 00:00	27-Jul-23 09:35
FL 91 @ 4FT	H233935-12	Soil	26-Jul-23 00:00	27-Jul-23 09:35
SW #1	H233935-13	Soil	26-Jul-23 00:00	27-Jul-23 09:35
WW #3	H233935-14	Soil	26-Jul-23 00:00	27-Jul-23 09:35
NW #5	H233935-15	Soil	26-Jul-23 00:00	27-Jul-23 09:35

09/06/23 - Client changed the sample ID of -15 (see COC). This is the revised report and will replace the one sent on 07/28/23.

# **Cardinal Laboratories**

\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safety 2617 W MARLAND HOBBS NM, 88240		Project Num Project Mana	ber: 182				Reported: 06-Sep-23 15:41			
				80 @ 4F 935-01 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1600		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			119 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			130 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safet 2617 W MARLAND HOBBS NM, 88240		Project: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To: FL 81 @ 4FT H233935-02 (Soil)					Reported: 06-Sep-23 15:41			
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds	1610		16.0			2072746	10	27.1.1.22	4500 CL D	
Chloride	4640		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
<u>Volatile Organic Compounds b</u>	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			<i>99.7 %</i>	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			123 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safe 2617 W MARLAND HOBBS NM, 88240	ety Solutions		Project: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To: FL 82 @ 4FT H233935-03 (Soil)					Reported: 06-Sep-23 15:41		
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	2760		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		101 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	78.4		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	21.5		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			121 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safe 2617 W MARLAND HOBBS NM, 88240	ty Solutions		Project: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To: FL 83 @ 4FT H233935-04 (Soil)					Reported: 06-Sep-23 15:41		
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	9300		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds b	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	1		105 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	225		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	63.8		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safety Solutions       Project:       RISER 70 PIPE 03       Reported:         2617 W MARLAND       Project Number:       18238       06-Sep-23 15:41         HOBBS NM, 88240       Project Manager:       ZACH CONDER       Fax To:         FL 84 @ 4FT         H233935-05 (Soil)									41	
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds Chloride	6960		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
			10.0	iiig/kg	т	5072740	ne	27-541-25	4500-61-0	
Volatile Organic Compounds		21								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PII	))		102 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	89.6		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	32.2		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			121 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

#### Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Sa 2617 W MARLAND HOBBS NM, 88240	afety Solutions	Project Nun Project Man Fa	nber: 182	CH CONDER		Reported: 06-Sep-23 15:41			
		H233	935-06 (Se	oil)					
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	al Labora	tories					
Inorganic Compounds									
Chloride	5440	16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	1							
Benzene*	< 0.050	0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050	0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050	0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150	0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300	0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)	102 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID								
GRO C6-C10*	<10.0	10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	104	10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	33.5	10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane		106 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane		119 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safet 2617 W MARLAND HOBBS NM, 88240		Project: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To: FL 86 @ 4FT H233935-07 (Soil)					Reported: 06-Sep-23 15:41			
			Reporting	/35-07 (50	)11)					
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	2040		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	3072724	MS	27 <b>-</b> Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240 Project Manager: ZACH CONDER Fax To: FL 87 @ 4FT H233935-08 (Soil)						C	Reported: 16-Sep-23 15:	41		
			H233	935-08 (Si	<b>DII</b> )					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	2680		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

# Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240 Foject Manager: ZACH CONDER Fax To: FL 88 @ 4FT H233935-09 (Soil)								0	Reported: 16-Sep-23 15:	41
			H2339	935-09 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2480		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.6 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
<u>Petroleum Hydrocarbons by G</u>	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



HOBBS NM, 88240 Project Manager: ZACH CONDER Fax To: FL 89 @ 4FT H233935-10 (Soil)							C	Reported: 06-Sep-23 15:	41	
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds	1200		16.0		4	2072746	AC	27 1-1 22	4500 CL D	
Chloride	1300		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safe 2617 W MARLAND HOBBS NM, 88240	ety Solutions		Project: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To: FL 90 @ 4FT H233935-11 (Soil)					Reported: 06-Sep-23 15:41		
	Result	MDL	Reporting		Dilution			Auchard	Method	Natas
Analyte	Kesun	MDL	Ĺimit	Units		Batch	Analyst	Analyzed	method	Notes
Inorganic Compounds			Cardina	l Laborat	ories					
Chloride	3040		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		101 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by (	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			111 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			121 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safe 2617 W MARLAND HOBBS NM, 88240	Project Num Project Mana Fax	, ber: 182	H CONDER	Reported: 06-Sep-23 15:41						
			H2339	935-12 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1800		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		101 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
<u>Petroleum Hydrocarbons by C</u>	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			110 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			119 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safe 2617 W MARLAND HOBBS NM, 88240	D Project Number: 18238					06-Sep-23 15:41				41
				SW #1 935-13 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	80.0		16.0	mg/kg	4	3072747	AC	27-Jul-23	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID,	)		101 %	71.5	-134	3072723	MS	27-Jul-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3072724	MS	27-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	3072724	MS	27-Jul-23	8015B	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safe 2617 W MARLAND HOBBS NM, 88240					Project: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To:					Reported: 06-Sep-23 15:41		
				VW #3 935-14 (Se	oil)							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	tories							
<u>Inorganic Compounds</u> Chloride	176		16.0	mg/kg	4	3072747	AC	27-Jul-23	4500-Cl-B			
Volatile Organic Compounds	by EPA Method 8	8021										
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Surrogate: 4-Bromofluorobenzene (PID)	)		102 %	71.5	-134	3072723	MS	27-Jul-23	8021B			
Petroleum Hydrocarbons by C	GC FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B			
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B			
Surrogate: 1-Chlorooctane			110 %	48.2	-134	3072724	MS	27-Jul-23	8015B			
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	3072724	MS	27-Jul-23	8015B			

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safe 2617 W MARLAND HOBBS NM, 88240					Project: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To:					Reported: 06-Sep-23 15:41		
				NW #5 935-15 (80	oil)							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	tories							
<u>Inorganic Compounds</u> Chloride	144		16.0	mg/kg	4	3072747	AC	27-Jul-23	4500-Cl-B			
Volatile Organic Compounds	by EPA Method	8021										
Benzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	3072723	MS	27-Jul-23	8021B			
Surrogate: 4-Bromofluorobenzene (PID)	)		101 %	71.5	-134	3072723	MS	27-Jul-23	8021B			
Petroleum Hydrocarbons by (	GC FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B			
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3072724	MS	27-Jul-23	8015B			
Surrogate: 1-Chlorooctane			104 %	48.2	-134	3072724	MS	27-Jul-23	8015B			
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3072724	MS	27-Jul-23	8015B			

# **Cardinal Laboratories**

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Inorganic Compounds - Quality Control**

# **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3072746 - 1:4 DI Water										
Blank (3072746-BLK1)				Prepared: 2	27-Jul-23 A	nalyzed: 28	-Jul-23			
Chloride	ND	16.0	mg/kg							
LCS (3072746-BS1)				Prepared: 2	27-Jul-23 A	nalyzed: 28	-Jul-23			
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3072746-BSD1)				Prepared: 2	27-Jul-23 A	nalyzed: 28	-Jul-23			
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 3072747 - 1:4 DI Water										
Blank (3072747-BLK1)				Prepared &	Analyzed:	27-Jul-23				
Chloride	ND	16.0	mg/kg							
LCS (3072747-BS1)				Prepared &	Analyzed:	27-Jul-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3072747-BSD1)				Prepared &	Analyzed:	27-Jul-23				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

# **Cardinal Laboratories**

# \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



2617	n Environmental & Safety Solutions ' W MARLAND BS NM, 88240	Project: Project Number: Project Manager: Fax To:		Reported: 06-Sep-23 15:41	
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# Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal	Laboratories
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		Reporting	TT '4	Spike	Source	0/DEC	%REC	DDD	RPD	<b>N</b> T 4
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3072723 - Volatiles										
Blank (3072723-BLK1)				Prepared: 2	27-Jul-23 A	nalyzed: 28	3-Jul-23			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	71.5-134			
LCS (3072723-BS1)				Prepared &	Analyzed:	27-Jul-23				
Benzene	2.15	0.050	mg/kg	2.00		108	82.8-130			
Toluene	2.12	0.050	mg/kg	2.00		106	86-128			
Ethylbenzene	2.03	0.050	mg/kg	2.00		101	85.9-128			
m,p-Xylene	4.10	0.100	mg/kg	4.00		102	89-129			
o-Xylene	1.99	0.050	mg/kg	2.00		99.3	86.1-125			
Total Xylenes	6.08	0.150	mg/kg	6.00		101	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0478		mg/kg	0.0500		95.7	71.5-134			
LCS Dup (3072723-BSD1)				Prepared &	Analyzed:	27-Jul-23				
Benzene	2.15	0.050	mg/kg	2.00		108	82.8-130	0.182	15.8	
Toluene	2.11	0.050	mg/kg	2.00		106	86-128	0.252	15.9	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	85.9-128	0.389	16	
m,p-Xylene	4.09	0.100	mg/kg	4.00		102	89-129	0.0777	16.2	
o-Xylene	1.99	0.050	mg/kg	2.00		99.3	86.1-125	0.0202	16.7	
Total Xylenes	6.08	0.150	mg/kg	6.00		101	88.2-128	0.0457	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0482		mg/kg	0.0500		96.4	71.5-134			

# **Cardinal Laboratories**

\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: Project Number: Project Manager:	Reported: 06-Sep-23 15:41
	Fax To:	

# Petroleum Hydrocarbons by GC FID - Quality Control

# **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3072724 - General Prep - Organics										
Blank (3072724-BLK1)				Prepared &	Analyzed:	27-Jul-23				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	51.7		mg/kg	50.0		103	48.2-134			
Surrogate: 1-Chlorooctadecane	57.5		mg/kg	50.0		115	49.1-148			
LCS (3072724-BS1)				Prepared &	z Analyzed:	27-Jul-23				
GRO C6-C10	188	10.0	mg/kg	200		93.9	66.4-123			
DRO >C10-C28	199	10.0	mg/kg	200		99.6	66.5-118			
Total TPH C6-C28	387	10.0	mg/kg	400		96.8	77.6-123			
Surrogate: 1-Chlorooctane	55.2		mg/kg	50.0		110	48.2-134			
Surrogate: 1-Chlorooctadecane	57.6		mg/kg	50.0		115	49.1-148			
LCS Dup (3072724-BSD1)				Prepared &	Analyzed:	27-Jul-23				
GRO C6-C10	187	10.0	mg/kg	200		93.5	66.4-123	0.505	17.7	
DRO >C10-C28	199	10.0	mg/kg	200		99.4	66.5-118	0.197	21	
Total TPH C6-C28	386	10.0	mg/kg	400		96.4	77.6-123	0.346	18.5	
Surrogate: 1-Chlorooctane	58.2		mg/kg	50.0		116	48.2-134			
Surrogate: 1-Chlorooctadecane	61.1		mg/kg	50.0		122	49.1-148			

# **Cardinal Laboratories**

# \*=Accredited Analyte

Celey D. Keine

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 $6^{\circ}\text{C}$

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

#### **Cardinal Laboratories**

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ts and copy of CoC to pm@etechenv.com. Add'l Phone #: Add'l Fax #: Julhos Released to Imaging: 6/2/2025 4:13:15 PM

5	Delivered Bv: Sampler - UPS -	Kelinquighed by:	Jul de	analyses. All claim service. In no ever affiliates or succes	PLEASE NOTE: 1	9	A		6	n	4	(2)	e		Lab I.D.	EOD I AD HEE O	Sampler Na	Project Location:	Project Name:	Project #:	Phone #:	City: Hobbs	Address:
	Delivered Bv: (Circle One) Sampler - UPS - Bus - Other:	ned by:	the	nnalyses. All claims including those for nagligence and any other cause whatsoever shall be deemed waved unless made in writing and recovery of causian wave of profits incurred by client, its subsidiaries, arrive. 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, infinites or successors arising out of or related to the performance of senices hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	FL # 89 @ 4 Ft     C 11 X     Solution of the standard second secon	FL # 88 @ 4 Ft	FL # 87 @ 4 Ft	FL # 86 @ 4 Ft	FL # 85 @ 4 Ft	5 FL # 84 @ 4 Ft	FL # 83 @ 4 Ft	FL # 82 @ 4 Ft	FL # 81 @ 4 Ft	FL # 80 @ 4 Ft	D. Sample I.D.	AU Y	Sampler Name: Aaron Rios	ation: Rural Eddy County, NM	ne: Riser 70 Pipe 03	18238	(575) 264-9884	obs	2617 W Marland
+ 0	- 6	Time:	Tile:35	nce of services hereunder by C	client's exclusive remedy for a										I.D.			y, NM		Project Owner:	Fax #:	State: NM	
ardin	4 ch		p m	g withou Cardinal	rry clain	0	0	0	0	0	0	0	C	С	(G)RAB OR (C)OMP.							Zip: 88240	-
	0	-	Mau Pereived Rv.	erned waived unless fits thout limitation, busines dinal, regardless of whe Received By:	1 arisin	-	1	1	-	4	-	-	-	-	# CONTAINERS	_				Spur Energy Partners	1.	882	
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Dianan fa	(Initials)		1	erned wanted unless made in wrang and receivery by caronia mean or our en- athout limitation, business interruptions, loss of use, or loss of polls incurred to dinal, regardless of whether such claim is based upon any of the above stated re Received By:	to the amount pai within 30 days affe	21020123	7/26/23	7/26/23	7/26/23	7/26/23	7/26/23	7/26/23	7/26/23	7/26/23	DATE	SAMPLING			Zip:	ī,	in the	Kathy Purvis	Spur Energy Partners
Guiden open the second worked changes Please fax written changes to 575-393-2476	Please e	RUSH	REMARKS:	client, its subsidiaries, asons or otherwise. Phone Result:	amount paid by the client for an days after completion of the										TIME	NG				-		is	Partners
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Revision 1.0

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476 Etech Environmental & Safety Solutions, Inc.

Project Manager: Zach Conder

P.O. #:

BILL TO

ANALYSIS REQUEST

Company Name:

# Received by OCD: 5/21/2025 11:59:12 AM

Company Name:	: Etech Environmental & Safety Solutions, Inc.	utions	Inc.								BILL	L 170		1				ANALYSIS	1	SIS		- lo	REQUEST	T	
Project Manager:	r: Zach Conder						1	P.O.	.#										-			-	_		_
Address: 2617	2617 W Marland							Co	Company	ny	Sp	Spur Energy Partners	artners						-			-			_
승	State: NM	Zip	Zip: 88240	40				Attn:	2		_	Kathy Purvis	G										_		
le #:	(575) 264-9884 Fax #:					1		Ad	Address:	S															_
Project #: 18238	38 Project Owner:	ier:	Spu	Spur Energy Partners	ergy	Part	ners	City:	Y:						1)	B)									
ame:	Riser 70 Pipe 03							Sta	State:	NM		Zip:		de	15N	021			-			-	_		
Project Location:	n: Rural Eddy County, NM							Ph	Phone #:	#				lori	(80	(8)			-			-			
Sampler Name: Aaron Rios	an							Fa	Fax #:					Ch	PH	TE)			-			-			
FOR LAB USE ONLY					3	MATRIX	×		PRE	PRESERV	RV.	SAMPLING	NG		т	В				_					
Lab I.D.	Sample I.D.	RAB OR (C)OMP	ONTAINERS	ROUNDWATER	ASTEWATER	DIL	UDGE	THER :	CID/BASE:	E/COOL	THER :														
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PLEASE NOTE: Liability and Dama analyses. All claims including those	EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim unising whether based in contract or tort, shall be limited to the amount paid by the client of the applicance of the spectra structure of the s	for any cl Il be deen	laim arisi ned waiv	ing whe	ess ma	tsed in de in w	contra miting a	and rec	eived t	II be fir by Caro or loss	other based in contract or tort, shall be limited to the ess made in writing and received by Cardinal within vusiness interruptions, loss of use, or loss of profits i	the amount pathin 30 days after fits incurred by c	ount paid by the client for the lays after completion of the a med by client, its subsidiaries.	r the the applicu ries,	able										
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Delivered By Sampler - UPS	- Bus - Other:	14.0	600		Sample Condition Cool Intact Yes Yes	yes Yes	Intact ond	lition		우	(Initials)	(Initials)	Please email			results and copy of CoC to pm@etechenv.com.	copy	of	ĉ	to p	m@	)ete	che	nv.c	,

Page 204 of 388



August 02, 2023

ZACH CONDER

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RISER 70 PIPE 03

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 8:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW # 12 (H234031-01)

BTEX 8260B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	97.0	% 86.7-11	1						
Surrogate: Toluene-d8	102	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	106	88.2-10	8						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	103	200	2.90	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	216	108	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	110 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

# Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW # 13 (H234031-02)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	96.9	% 86.7-11	1						
Surrogate: Toluene-d8	102	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	105	% 88.2-10	8						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	103	200	2.90	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	216	108	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	0						

# **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 124 @ 4FT (H234031-03)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	98.2	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	105	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	103	200	2.90	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	216	108	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane									

# **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 125 @ 4FT (H234031-04)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	95.4	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	103	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	117 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	0						

# **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 126 @ 4FT (H234031-05)

BTEX 8260B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	97.6	% 86.7-11	1						
Surrogate: Toluene-d8	102 9	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	105 9	% 88.2-10	8						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	29.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	36.8	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133 9	% 49.1-14							

# Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 127 @ 4FT (H234031-06)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	97.0	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	107	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

# **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 128 @ 4FT (H234031-07)

BTEX 8260B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	98.5	% 86.7-11	1						
Surrogate: Toluene-d8	101	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	107	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	117 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

# Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 129 @ 4FT (H234031-08)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	97.4	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	104	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

# Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 130 @ 4FT (H234031-09)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	96.5	% 86.7-11	1						
Surrogate: Toluene-d8	102	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	106	% 88.2-10	8						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14							

# **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 131 @ 4FT (H234031-10)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	96.8	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	106	% 88.2-10	8						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/01/2023	ND	416	104	400	3.77	
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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

# **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 114 @ 4FT (H234031-11)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	96.0	% 86.7-11	1						
Surrogate: Toluene-d8	101	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	104	% 88.2-10	8						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	116 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

# Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 115 @ 4FT (H234031-12)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	95.3	% 86.7-11	1						
Surrogate: Toluene-d8	101	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	104	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	117 9	48.2-13	4						

## **Cardinal Laboratories**

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 116 @ 4FT (H234031-13)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	96.3	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	105	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						

## **Cardinal Laboratories**

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 117 @ 4FT (H234031-14)

BTEX 8260B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	96.1	% 86.7-11	1						
Surrogate: Toluene-d8	101 9	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	105 9	% 88.2-10	8						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125 9	% 49.1-14							

## **Cardinal Laboratories**

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 118 @ 4FT (H234031-15)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	95.8	% 86.7-11	1						
Surrogate: Toluene-d8	102	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	104	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14							

## **Cardinal Laboratories**

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 119 @ 4FT (H234031-16)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	95.9	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	103	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						

## **Cardinal Laboratories**

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 120 @ 4FT (H234031-17)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	97.5	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	106	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						

## **Cardinal Laboratories**

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 121 @ 4FT (H234031-18)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	95.3	% 86.7-11	1						
Surrogate: Toluene-d8	100	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	105	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	0						

## **Cardinal Laboratories**

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 122 @ 4FT (H234031-19)

BTEX 8260B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	96.3	% 86.7-11	1						
Surrogate: Toluene-d8	101	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	108	88.2-10	8						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	108	48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 123 @ 4FT (H234031-20)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.56	
Toluene*	<0.025	0.025	08/01/2023	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.025	0.025	08/01/2023	ND	2.18	109	2.00	2.65	
Total Xylenes*	<0.075	0.075	08/01/2023	ND	7.10	118	6.00	3.85	
Total BTEX	<0.150	0.150	08/01/2023	ND					
Surrogate: Dibromofluoromethane	97.2	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	106	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane									

## **Cardinal Laboratories**

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW # 8 (H234031-21)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	95.8	% 86.7-11	1						
Surrogate: Toluene-d8	101	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	106	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW # 9 (H234031-22)

BTEX 8260B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	97.0	% 86.7-11	1						
Surrogate: Toluene-d8	100	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	105	88.2-10	8						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	116 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW # 10 (H234031-23)

BTEX 8260B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	96.9	% 86.7-11	1						
Surrogate: Toluene-d8	101	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	106	88.2-10	8						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/01/2023	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	08/01/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	109	48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW # 11 (H234031-24)

BTEX 8260B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	97.6	% 86.7-11	1						
Surrogate: Toluene-d8	101	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	107	88.2-10	8						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/01/2023	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	08/01/2023	ND	203	101	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.50	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW # 8 (H234031-25)

BTEX 8260B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	97.3	% 86.7-11	1						
Surrogate: Toluene-d8	101	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	106	88.2-10	8						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/01/2023	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	08/01/2023	ND	203	101	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.50	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	109	48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW # 9 (H234031-26)

BTEX 8260B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	96.7	% 86.7-11	1						
Surrogate: Toluene-d8	101 9	89.3-11	0						
Surrogate: 4-Bromofluorobenzene	107 9	% 88.2-10	8						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/01/2023	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	08/01/2023	ND	203	101	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.50	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW # 10 (H234031-27)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	96.9	% 86.7-11	1						
Surrogate: Toluene-d8	101	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	107	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/01/2023	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	08/01/2023	ND	203	101	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.50	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW # 11 (H234031-28)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	97.6	% 86.7-11	1						
Surrogate: Toluene-d8	98.3	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	105	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/01/2023	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	08/01/2023	ND	203	101	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.50	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

## **Cardinal Laboratories**

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW # 12 (H234031-29)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	97.3	% 86.7-11	1						
Surrogate: Toluene-d8	102	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	107	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/01/2023	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	08/01/2023	ND	203	101	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.50	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/01/2023	Sampling Date:	07/31/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW # 13 (H234031-30)

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/02/2023	ND	2.14	107	2.00	1.73	
Toluene*	<0.025	0.025	08/02/2023	ND	2.12	106	2.00	2.55	
Ethylbenzene*	<0.025	0.025	08/02/2023	ND	2.16	108	2.00	3.00	
Total Xylenes*	<0.075	0.075	08/02/2023	ND	7.02	117	6.00	3.57	
Total BTEX	<0.150	0.150	08/02/2023	ND					
Surrogate: Dibromofluoromethane	94.6	% 86.7-11	1						
Surrogate: Toluene-d8	102	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	108	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/01/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	203	101	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.50	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					
Surrogate: 1-Chlorooctane	137	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	148	% 49.1-14	8						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **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

#### Cardinal Laboratories

## \*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Zcck BILL TO Address: P.O. Box 301 ANALYSIS REQUEST P.O. #: Company Stor Energy LLC. City: Lovington State: NM Zip: 88260 Phone #: (575) 396-2378 Attn: Fax #: (575) 396-1429 Project #: /8238 Address: Project Owner: Project Name: Riser 70 City: Pipe 03 Project Location: Lea Co, Nor State: 10 TPH (8015M) BTEX (8021B) Zip: Chloride Sampler Name: Phone #: taion Li FOR LAB USE ONLY Fax #: MATRIX PRESERV. SAMPLING OR (C)OMP CONTAINERS 8 SROUNDWATER Lab I.D. VASTEWATER Sample I.D. CID/BASE ICE / COOL G)RAB ( LUDGE OTHER . H234031 SOIL 1 NW#12 DATE TIME × × × NW#13 X X x # 124 Co 4Ft 125 6 4FH C 4Ft 6 4FH 24H 62 4FI as 4Ft YFT PLEASE MOT All claims including those for negligence and any other cause whater r any claim arising whether based in contract or lort, shall be limited to the ervice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, V rever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable attitutes or successors arising out of or related to the per Relinquished By: ance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above st Received By: -23 foron Rics Phone Result: Time: 0853 C Yes D No Add'l Phone #: Fax Result Relinguished By Yes O No Add'l Fax #: REMARKS: Date: Received By Time: Delivered By: (Circle One) Please email results to pm@etechenv.com. Sampler - UPS - Bus - Other: Sample Condition -4.22 CHECKED BY: Cool Intact #140 (Initials) Yes Tres FORM-006 No No † Cardinal cannot accept verbal changes. Please fax written changes to \$75-393-2476 Revision 1.0 1

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476 Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: ZaCK BILL TO Address: P.O. Box 301 ANALYSIS REQUEST P.O. #: City: Company: SPU Energy.LLC Lovington State: NM Zip: 88260 Phone #: (575) 396-2378 Attn: Fax #: (575) 396-1429 Project #: 18 Address: Project Owner. Project Name: Riser 70 City: Pite 03 Project Location: Lea Cu., Non State: 1 TPH (8015M) BTEX (8021B) Zip: Chloride, Sampler Name: Phone #: form Liz FOR LAB USE ONLY Fax #: MATRIX PRESERV SAMPLING G)RAB OR (C)OMP CONTAINERS ROUNDWATER Lab I.D. VASTEWATER Sample I.D. CID/BASE ICE / COOL HZ3403 SLUDGE DTHER io FL# 114 DATE 6 4 Ft TIME X X 12 FL # 115 X 6 4 Ft X х X R #116 6 4 Ft #11 60 4 Ft FL #118 60 4 Ft FL # 119 a 4 Ft FL #120 4 Ft 3 FL #12 a 4 Ft FL#1 a 4 Ft 20 #12 ч Ft U PLEASE NOT V. 5 - country and contragem. Control is basing which cause is discover shall be deemed waived onless made in writing and received by Cardinal within 30 days after completion of the applicable and an applicable of the second sec In no event shall Cardinal be liable for incidential or consequential damager, including valueut imbadon, business interruptions, loss of use, or loss of profile incurred by client, its subsidiaries, V S. artiliates or successors arbsing out of or related to the performance of services hereunder by Cardinal, regardless of whether such class in services hereunder by Cardinal, regardless of whether such class in is based upon any of the also 8ª7:23 Received By: Haronkis Time: 0853 Phone Result: Yes O No Add'l Phone #: Fax Result: Relinquished By: Yes D No Add'I Fax #: REMARKS: Received B Time: Delivered By: (Circle One) Please email results to pm@etechenv.com. Sample Condition Sampler - UPS - Bus - Other: -4-di CHECKED BY: #141 Cool Intact Yes Yes (initials) FORM-006 No D No † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 Revision 1.0 11

Project Manager: Zack	5) 393-2476 Ifety Solutions, In	iC.	BIL	LTO	-	hy.		1.1		
Address: P.O. Box 301	A		P.O. #:	State State	T	1	1 1	ANALYSIS	REQUEST	_
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All claims including those for negligence and any other case whatever an no event shall Cardinal be inside for indefination consequented damages, is a successors arising out of or related to the performance of services hereauti quished By:	tail be deamed waived unler cluding without limitation, bu	ss made in writing and rece stiness internations. Intern	wed by Cardinal within 30 day	nt paid by the client for the s after completion of the a	micatio					
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August 03, 2023

ZACH CONDER

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RISER 70 PIPE 03

Enclosed are the results of analyses for samples received by the laboratory on 08/02/23 11:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 132 @ 4FT (H234074-01)

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 49.1-14	8						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 133 @ 4FT (H234074-02)

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

### Cardinal Laboratories

## \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 134 @ 4FT (H234074-03)

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

### Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 135 @ 4FT (H234074-04)

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

### Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 136 @ 4FT (H234074-05)

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

### Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 137 @ 4FT (H234074-06)

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 138 @ 4FT (H234074-07)

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1740	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 139 @ 4FT (H234074-08)

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 140 @ 4FT (H234074-09)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 141 @ 4FT (H234074-10)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 142 @ 4FT (H234074-11)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

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## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 143 @ 4FT (H234074-12)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	08/03/2023	ND	416	104	400	3.77	
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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	94.2	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	37.1	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 144 @ 4FT (H234074-13)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/03/2023	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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 145 @ 4FT (H234074-14)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	08/03/2023	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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 146 @ 4FT (H234074-15)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	08/03/2023	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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 147 @ 4FT (H234074-16)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/03/2023	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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 148 @ 4FT (H234074-17)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/03/2023	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	08/03/2023	ND	184	92.0	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	184	91.9	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 149 @ 4FT (H234074-18)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	55.5	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	53.2	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW # 20 (H234074-19)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	113 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW # 20 (H234074-20)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	110 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW # 15 (H234074-21)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	13.1	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	13.6	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW # 15 (H234074-22)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW # 16 (H234074-23)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	109 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW # 16 (H234074-24)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	106 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW # 17 (H234074-25)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	112 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW # 17 (H234074-26)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW # 18 (H234074-27)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	125 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW # 18 (H234074-28)

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	08/03/2023	ND	2.23	112	2.00	1.94	
Toluene*	<0.050	0.050	08/03/2023	ND	2.17	109	2.00	3.63	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	2.09	104	2.00	2.64	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	6.32	105	6.00	3.73	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	106 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW # 19 (H234074-29)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	115 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW # 19 (H234074-30)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642	
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697	
Total BTEX	<0.300	0.300	08/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	108 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW # 14 (H234074-31)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642		
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697		
Total BTEX	<0.300	0.300	08/03/2023	ND						
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4							
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/03/2023	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	08/02/2023	ND	168	83.9	200	5.18		
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	153	76.5	200	6.12		
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND						
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	89.0 % 49.1-14		8							

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/03/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW # 14 (H234074-32)

3TEX 8021B mg/kg		Analyze	d By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2023	ND	1.98	99.2	2.00	0.642		
Toluene*	<0.050	0.050	08/03/2023	ND	1.90	95.2	2.00	0.971		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.95	97.6	2.00	1.19		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.76	95.9	6.00	0.697		
Total BTEX	<0.300	0.300	08/03/2023	ND						
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/03/2023	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	08/03/2023	ND	189	94.4	200	3.11		
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	207	103	200	1.29		
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND						
Surrogate: 1-Chlorooctane	110 9	48.2-13	4							
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8							

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

s

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

A

Address:       P.O.#:       AVAL VSIS RECUEST         Address:       P.O.#:       Company: But Gray Hull       Aval VSIS RECUEST         City:       Lovington       State: NM       Zip: 88:260       Address:         Project Hams       Project Company: But Gray Hull       Address:       Project Hams         Project Hams       Project Common:       City:       State: Zip:       Project Hams         Project Hams       Marce Marce       Project Common:       Project Common:       Project Hams         Project Hams       Marce Marce       Project Common:       Project Common:       Project Common:         Project Hams       Marce Marce       Project Common:       Project Common:       Project Common:         State:       Zip:       Project Common:       Project Common:       Project Common:       Project Common:         Lab I.D.       Sample I.D.       Will Will Will Will Will Will Will Will	BILL TO ANALYON DEGUN	BILL T	Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Zock		
Chy:       Lowington       State:       NM       Zip::       Company: State Score y LLL         Phone #:       (157) 398-2378       Fax #: (575) 398-1429       Address:       (197)         Project #:       (217)       State:       Zip::       (197)         Project A:       (197)       State:       Zip::       (197)         Intermed Marce       (197)       State:       Zip::       (197)         Intermed Marce       (197)       (197)       State:       Zip::       (197)         Intermed Marce       (197)       (197)       (197)       (197)       (197)       (197)         Intermed Marce       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)         Intermed Marce       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)       (197)					
Phone #:       Project Zora       Fax #: (575) 396-1429       Address:         Project #:       City:       City:       City:       City:         Project Access:       Project Owner:       City:       City:       City:         Project Access:       Project Owner:       City:       City:       City:       City:         Project Access:       Project Access:       Project Access:       Project Access:       Project Access:       Project Access:         Implement Access:       Project Access:       Project Access:       Project Access:       Project Access:       Project Access:       Project Access:         Lab I.D.       Sample I.D.       Big Work Occess:         Access:       Big Work Occess:       Big Work Occes:       Big Work Occess:       Big Work Occess:	my SPOT Enony 110	Company: SPur S			
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Implex Name:       Prove #:			Project Owner:		
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pler UPS - Bus - Other: _ Le. 8 c (Initials)	Please email results to pm@etechenv.com	tion CHECKED BY	Sample Condition		
- Cero C INO NO	nitials)	(Initials)	Cool Intact		
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476		No -	- Leide INO NO		
10 10 10 10 10 10 10 10 10 10 10 10 10 1	s. Please fax written changes to 575 393 3470	erbal changes. Please fax	† Cardinal cannot accept vert		

Received by OCD: 5/21/2025 11:59:12 AM

RDINAL LABORATORIES

# 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

dress: P.O. Box 301			BILL TO	_			A	NAL YS	SIS REQUEST
1.0. Dox 301	,	P.O. #:				1	TT	1	IL REQUEST
y: Lovington State: N	M Zip: 88260	Company:	14		11	1			
one #: (575) 396-2378 Fax #: (5	075) 396-1429	Attn:			1		1 11		
ject #: /8238 Project 0		Address:			1	1	1 1.		
ject Name: Stases TO Pine 03	wher,	City:			1				
ject Location:		State:	Zip:	0	EM)	18)	1 31	100	
npler Name: Aoron Kick		Phone #:	7	orid	301	802			
LAB USE ONLY	TTT	Fax #:		Chloride	TPH (8015M)	BTEX (8021B)			
	MATRI	PRESERV	SAMPLING		4	BT			
ab I.D. Sample I.D. 34674	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER ACID/BASE: ICE / COOL OTHER :	Te 3/2/03	Land Land	•	(Nrie 			
11 FL # 142 69 4FH	XXX		DATE TIME	V					
12 FC # 143 & 4FF		11	01-01	X	X	X			
13 TC # 144 60 4Ft				11	++	1		+	
14 th th 145 6 4Ft				++		++			
15 +L #146 @ 4Ff					++	++		+ +	
16 FL # 147 @ 4A 17 FL # 148 @ 4A					++	++			
17 FL#148 C 4H 18 FL#149 C 4H				++	++	++		+	
19 Sin# 20				++	++	++		+	
ZO NIN# 20						++		+	
OTE: Liability and Damages, Cardinal's liability and client's exclusive remedy it ill claims including those for negligence and any other cause whiaksover shall no event shall Cardinal be liable for incidental or conservative disascenter data	or any claim arising whether based in control	V		0	01	11		+	
Vict. causing and Damagins, Cardinal's liability and client's exclusive remody if it claims inducting tissue for resignence and any other cause whilelever shall no event shall Cardinal be liable for incidental or consequential damages, indu- successors arbing out or or related to the performance of services hereunder to <b>uished By:</b> Determined of the performance of services hereunder to the services of the services of the performance of services hereunder to the services of the services of the performance of services hereunder to the services of the	be deamed waived unless made in writing a sling without limitation, business internation	nd received by Cardinal with	the amount paid by the client for the nin 30 days after completion of the a	e applicable					
successions arking out of or related to the performance of services hereunder to uished By: Which By: Which By: Uished By: Date: Date:	Received By:	n is based upon any of the a	is incurred by client, its subsidiaries, shows stated reasons or otherwise. Phone Result Fax Result: REMARKS:	H: * 0	Yes			Phone #: Fax #:	
ered By: (Circle One)	Received By:	1	Kus	sh			i. T		
PM 0000	# /40 Sample Condit Cool Intact Ves Ve No 74		s) .	4	,			.com.	
t Ca	ardinal cannot accept ver	bal changes. Ple	ease fax written char	nges to	0 575-	-393-24	476		
			1.						

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E.	ARDINAL LABORATORIE	s
	101 East Mariand, Hobbs, NM 88	240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety S Project Manager: Zack	iolutions, Inc.	BILL TO	
Address: P.O. Box 301	1-	P.O. #:	ANALYSIS REQUEST
	° <b>X</b>	Company Space III	
State: NM	Zip: 88260	Company: Star Energy U.C. Attn:	
hone #: (575) 396-2378 Fax #: (575) 396-1429		Address:	
oject #: /8238 Project Ow	ner:	E Charles I Charles	+ X
oject Name: Risci 70 Pije 03		City:	
Jose Location.		State: Zip:	Chloride TPH (8015M) STEX (8021B)
mpler Name: Acren Riss		Phone #:	(80 (80 (80 )
OR LAB USE OWLY	MATRIX	Fax #:	Chi BTEX
	a s	PRESERV. SAMPLING	- W
ahip	LER RS		Pire (200) 123 (0)
ab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SolL	iii z	
7.1111	UNIT I UNIT	1000 HER:	
34074	(G)RAB ( # CONTA # CONTA GROUND GROUND WASTEW WASTEW WASTEW OIL		ST Comment of the second se
21 Sw# 15	XXX	X 8-1-23	
32 NW# 15	1	0-1-03	XXX
33 Sw# 16			
34 NWFF 16			
25 Sw# 17			
36 NW#17			
27 Sw# 18			
28 114# 18			
29 Sw# 19			
NOTE: Liability and Damages, Cardina's liability and client's archivity			
All claims including those for negligence and any other cause whatever remedy for a no event shall Cardinal being table for incidental or consequental damages, including or uccessions arising out of or related to inte performance of senders have been being and the performance of senders have been been been been been been been be	ny claim arising whether based in contract deemed waived unless made in writing and	or tort, shall be limited to the amount paid by the client for the received by Cardinal white 30 more than the client for the	
or successors arising out of or related to the performance of services hereunder by C	without limitation, business internaptions, i ardinal, regardless of whether such claim	basis of use, or loss of profiles incurred by client, its subsidiaries,	plicable
8-2-23	Received By:	Phone Result	Yes INO Add'I Phone #
onfiles Time: 1/20 0	Tamara	Fax Result:	Yes No Add'I Phone #:
uished By: Date:	Raceived By:	and of	
Time:	4	1/0)	6
vered By: (Circle One)	There Samuela Con 191	Please emai	i results to pm@etechenv.com.
er - UPS - Bus - Other:	4/40 Sample Condition Cool Intact	CHECKED BY: (Initials)	to pringetechenv.com.
-6.80	Ves Yes	20	
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		ges. r lease lax written chan	000 to 575 905 0470

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Received by OCD: 5/21/2025 11:59:12 AM

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name: Spur Energy Partners, LLC				B	ILL TO	)	ANALYSIS REQUEST						-									
Project Manage	ar: Zach Conder							P.0	A REAL PROPERTY AND INCOME.			1	T	1	1		1	T	T		1	
Address: 310	00 Plains Hwy							Con	pany:	Spur Energy	Partners LLC	1			1							
City: Lovingt	ton	State: NM	Zi	o:	8826	0	-		: Kathy		and a coo	1										
Phone #: 575	5-396-2378	Fax #: 575-396-1	1429				-		ress:			1										
Project #: 182	238	Project Owner:	S	ur En	erav Pa	artners,	110	-				1					1					- ×
roject Name:	Riser 70 Pipe 03				- 27 - 4			Stat														
	n: UL/ A Sec 20 T	17S - R31E						-	ne #:													
Sampler Name:		Aaron						Fax														
FOR LAB USE ONLY			Т	П		MATRI	x	-	RESER	SAMPI	ING	-							1			
Lab I.D. 4234074	Sample	e I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER : ACID/RASE-	ICE / COOL OTHER :	DATE	TIME	Chloride	трн	BTEX 8021								
	SW #14		C		-	х		Т	X	8/1/23	10:05	X	X	x		1	-	-	+	+		-
32	NW #14		C			х			x	8/1/23	10:10	x	x	x	1		-		1	1		-
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ASE NOTE: Liability and	Damages, Cardinal's liability and o those for negligence and any other	sient's exclusive remedy for any c	laim aite	Dia whet	her hotel	in contract	as had a															
ce. In no event shall Card	inal be liable for incidental or cons	an include a second damage	and finds	eu wies	a made in	writing and	receive	t by Car	dinal within 3	0 days after comp	etion of the application	able										
linguished By:	out of or related to the performanc	is the solution introduced by Gallon	iat, rega	10856-0	whether s	such claim (	s based	upon an	y of the abox	curred by client, a re stated reasons of	r otherwise.											
		Date: 8-2-23	Rea	erve	d By:			1	1//	11.	Phone Res Fax Result		Yes  Yes		No No	Add'I P Add'' i						
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inquished By:		Date:	Rec	eive	d By:	e vy	a	a	and	T												
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elivered By:	(Circle One)	11	11		6	le Con	#1+1		CHECK						Rus	h						

(Initials)

Cool Intact Yes Yes No No † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

FORM-006 R 2.0

Sampler - UPS - Bus - Other:

Received by OCD: 5/21/2025 11:59:12 AM

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August 07, 2023

ZACH CONDER

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RISER 70 PIPE 03

Enclosed are the results of analyses for samples received by the laboratory on 07/28/23 10:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL 102 @ 4FT (H233980-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 103 @ 4FT (H233980-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	116 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 104 @ 4FT (H233980-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	110 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 105 @ 4FT (H233980-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	101 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 106 @ 4FT (H233980-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	108 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 107 @ 4FT (H233980-06)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	113 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: WW #4 (H233980-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	104 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW #2 (H233980-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	115 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 \$	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW #3 (H233980-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	118 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW #4 (H233980-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 92 @ 4FT (H233980-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	110 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 93 @ 4FT (H233980-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	2.00	99.9	2.00	0.342	
Toluene*	<0.050	0.050	08/04/2023	ND	1.92	95.9	2.00	1.79	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.96	97.9	2.00	0.526	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.77	96.2	6.00	0.207	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	08/03/2023	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	08/03/2023	ND	194	97.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	224	112	200	0.693	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	113 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 94 @ 4FT (H233980-13)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/04/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	08/03/2023	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	08/02/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 95 @ 4FT (H233980-14)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/04/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	08/03/2023	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	08/02/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 96 @ 4FT (H233980-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/04/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	08/03/2023	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	08/02/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 97 @ 4FT (H233980-16)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/04/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	08/03/2023	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	08/02/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 98 @ 4FT (H233980-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/04/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/03/2023	ND	448	112	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	08/02/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 99 @ 4FT (H233980-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/04/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	08/03/2023	ND	448	112	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	08/02/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL 100 @ 4FT (H233980-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/04/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/03/2023	ND	448	112	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	08/02/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL 101 @ 4FT (H233980-20)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/04/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	08/03/2023	ND	448	112	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	08/03/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW #5 (H233980-21)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/04/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/03/2023	ND	448	112	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	08/03/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW #3 (H233980-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/05/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/03/2023	ND	448	112	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	08/03/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shari Cisneros
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW #4 (H233980-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	1.91	95.6	2.00	4.90	
Toluene*	<0.050	0.050	08/05/2023	ND	1.80	90.1	2.00	4.61	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.85	92.7	2.00	5.35	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.47	91.2	6.00	5.54	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/03/2023	ND	448	112	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	08/03/2023	ND	194	97.2	200	3.58	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	198	98.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

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

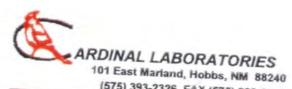
#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 6/2/2025 4:13:15 PM



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions,	Inc.	BUL	TO		A.	_					
roject manager: Lock		BILL P.O. #:	10	1	_		AN	ALYSIS	REQU	EST	
Address: P.O. Box 301								II		TT	1
ity: Lovington State: NM Zip:8	8260	Company: SPUT	EnergyULC								
hone #: (575) 396-2378 Fax #: (575) 396-142	29	Attn:									
roject #: /\$7?8		Address:				COL.	1				
oject Name: Riser 70 Pipe 2		City:	Here and			_					
oject Location:		State: Zip:	C. C. C. C. C. C.		TPH (8015M)	BTEX (8021B)	015	tal			
mpler Name: Arronkids		Phone #:	\$1.900 ac	Chloride	801	803	1	1.	10		
IR LAB USE ONLY		Fax #:	1	-	Ĩ	X					
<u>a</u> :	MATRIX	PRESERV. SAM	IPLING		4	Ha					
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ab I.D. Sample I.D. Sample J.D. BANK	EW)	ASE SASE		-1			1.				
ab I.D. Sample I.D. 8400(2) NO BY 216	GROUNDWATER WASTEWATER SolL OIL	OTHER : ACID/BASE: ICE / COOL OTHER :	swin mont		1	11.1		1-1-			
FL # 102, @ 4F1 Y			E TIME		'						1 1
2 FL # 103, @ 4Ft	X			X	X	X					+ +
2 FL # 103, @ 4Ft 3 FL # 104, & 4Ft			"	1		1			++		+ +
9 FL #F 105 @ 4FI			+ +						++		+
2 FL # 106, 60 4 Ft			1						1 1		+
g FL # 107. @ 4F1		N									+ +
$\frac{1}{1000 \pm 4}$		7	+						1		
\$ SW#2.			+ +								
7 SW#3.				11							
LD Sw # 4:	V		1 11	4	11						
All claims including those for negligence and any other cause whataoever shall be deemed wave	whether based in contract or to	ort, shall be limited to the amount p	aid by the client for the	10	1						
successors arising out of or related to the performance of services hereupper by Caving	In, business internaptions, loss o	belived by Cardinal within 30 days at of use, or loss of prolits incurred by	ler completion of the ap client, its subsidiaries	plicabio					1		
1 1 Receive	d By:	a sport any or the above stated	Phone Result	101	Yes	1 No	8.4.20.2				
TOPALIES	In Cam	uns	Fax Result: REMARKS:	01	_		Add'l Pl Add'l Fa	none #: ix #:			
uished By: Date: Received	d By:	www	includence:								
Time:				3							
vered By: (Circle One) #140	Paral O.	1	Please emai	Incode	10 10						
ler - UPS - Bus - Other: - 0.9c	Sample Condition Cool Intact	CHECKED BY: (Initials)	Please emai	result	is to p	m@ete	chenv.	com.			
	Yes Yes	A									
DRM-006	LI NOLI NO	changes. Please fax									

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Page 303 of 388

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety S Project Managers 2	plutions, Inc.	1	-		15						
Jer manager. Lock		BILL 1	ro		1		1	NALVE	S REQUE		_
Address: P.O. Box 301	1				K		TÍ	JUAL ISI	REQUE	ST	
City: Lovington State: NM	Zip: 88260	Company: SRI	Energy LLC	4	1	1	111				
Phone #: (575) 396-2378 Fax #: (575)		Attn:		1	1		1 1	1			
roject #: /8238 Project Own		Address:			1	1	1	+			
roject Name: (575) 396-2378 Fax #: (575) roject #: /8238 Project Own roject Name: 71500 70 9100 03 roject Location:	4	City:	20 2 1 2 1 K								
		State: Zip:	12.2.5		5M)	18)		121			
ampler Name: Acon Rios		Phone #:	1.1.8.80 (1.	Chloride.	TPH (8015M)	BTEX (8021B)		1			
OR LAB USE ONLY	MATRIX	Fax #:	1 i	E	H	X					
	a l	PRESERV. SAM	PLING		F	Ha					
ab I.D. Sample I.D.	G)FAB OR (C)OMP F CONTAINERS SROUNDWATER VASTEWATER OIL OIL	iii y	Here a second second			162.0		1.2			
233980	(G)RAB OR (C)OI # CONTAINERS GROUNDWATER WASTEWATER SolL OIL	OTHER : ACID/BASE: ICE / COOL OTHER :		ripi	1	341					
12 FL # 92, @ 4 FH 12 FL # 93, @ 4 FH	XX		TIME	-							
12 11 # 01 14	1 5	1	+1	X	X	X					
14 EI # 19. Co 9 Ft				++	11	++					
15 FI # 19 W TH		1		++	+	++					
16 FL # 97, @ 4 Ft				11		++	-	+ +			
17 FL # 98: 60 4 Et				11	++	++		+ +	++		
18 FL # 99, @ 4 FH				T		++		++			
19 FL # 100, @ 4 Ft					1	11	-	+ +	++	-	
20 FL # 101, Q 4 FL					T.	TT	-		++		
NOTE: Lucitity and Damages. Cardinat's facility and clears is exclusive remedy for any All calms including those for negligence and any other ease whateover shall be de in no event shall Cardinal be listed for individental or consequential damage, including us or successions arising out of or related to the performance of services histochider by Card	claim arising whether based in contract or to med weived unlane made in	rt, shall be limited to the amount ca	In the close of the	010		U				+ +	
guished By-	hou limitation, business made in writing and rep hout limitation, business interruptions, loss o inal, regardless of whether such claim is bar	eived by Cardinal within 30 days after of use, or loss of protes incurred by c	completion of the ap	plicable							
Date: 7/23	Received By:	sed upon any of the above stalled re	Phone Result	10							
Time: 10:40	Man A.	20-	Fax Result:		Yes Yes	No No		Phone #: Fax #:			
	Received By:	meraz	REMARKS:					SAT.			
Time:	Ę.				1						
vered By: (Circle One)	\$140 Samula Can III		Please emai	Inneur	1 He de	-					
ler - UPS - Bus - Other: -0.9°	Sample Condition Cool Intact	CHECKED BY: (Initials)	Please emai	resu	10 20	pm@e	etechen	.com.			
PPM 006	Cool Intact Yes Yes No No	DC									
evision 1.0 † Cardin	nal cannot accept verbal o	changes, Please for	units	1	-	_					
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Received by OCD: 5/21/2025 11:59:12 AM



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Zock	BILL TO	2	Sec.	
Address: P.O. Box 301	P.O. #:			ANALYSIS REQUEST
City: Lovington State Mil	Company: SPUS En	eron 110		
Phone # (575) 200 0000	Attn:	agy ccc		
Project # 10.0 200	Address:			
Project Name: 75 70 Project Owner: Project Name: 75 70 Projec 03	City:			
Project Location:	State: Zip:	1	s a	
Sampler Name: Auron Rics	Phone #:	Chloride	TPH (8015M) BTEX (8021B)	
FOR LAB USE ONLY	Fax #:	Provide states of the states o	X (8	
MAT	RIX PRESERV. SAMPL	ING	~ ~	
S S OM		- istantill		
Tap I'D' Samble I'D' (0)RAB OR (C)OMP # CONTAINERS GROUNDWATER GROUNDWATER	A W L	4		
2339 RO OUNTAR O OUTAR				
COL COL	SLUDGE OTHER : ACID/BASE ICE / COOI OTHER :	and the state of the	1.	
d ) U#S	X DATE	TIME		
dd NW # 3,	Î	11	XX	
23 NW#4,				
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SE NOTE LINE				
SE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in con- es. All claims including those for negligence and any other cause whateover shall be deemed waved unless made in write in no event shall Cardinal be liable for incidential or consequential damages, including without indiadon, pusivess interrupt or auccessors unling out of or related to the performance of services infection of Davidson, provinces interrupt <b>Incluished By:</b>	ract or lort, shall be limited to the second			
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Received by OCD: 5/21/2025 11:59:12 AM



August 07, 2023

ZACH CONDER

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RISER 70 PIPE 03

Enclosed are the results of analyses for samples received by the laboratory on 07/28/23 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 108 @ 4FT (H234006-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	1.95	97.6	2.00	3.10	
Toluene*	<0.050	0.050	08/05/2023	ND	1.89	94.3	2.00	0.283	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.94	97.2	2.00	0.282	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.73	95.5	6.00	0.749	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/04/2023	ND	448	112	400	3.64	
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	08/03/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 109 @ 4FT (H234006-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	1.95	97.6	2.00	3.10	
Toluene*	<0.050	0.050	08/05/2023	ND	1.89	94.3	2.00	0.283	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.94	97.2	2.00	0.282	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.73	95.5	6.00	0.749	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	08/04/2023	ND	448	112	400	3.64	
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	08/03/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	104 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 110 @ 4FT (H234006-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	1.95	97.6	2.00	3.10	
Toluene*	<0.050	0.050	08/05/2023	ND	1.89	94.3	2.00	0.283	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.94	97.2	2.00	0.282	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.73	95.5	6.00	0.749	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	08/04/2023	ND	448	112	400	3.64	
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	08/03/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 111 @ 4FT (H234006-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	1.95	97.6	2.00	3.10	
Toluene*	<0.050	0.050	08/05/2023	ND	1.89	94.3	2.00	0.283	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.94	97.2	2.00	0.282	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.73	95.5	6.00	0.749	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	08/04/2023	ND	448	112	400	3.64	
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	08/03/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 112 @ 4FT (H234006-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	1.95	97.6	2.00	3.10	
Toluene*	<0.050	0.050	08/05/2023	ND	1.89	94.3	2.00	0.283	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.94	97.2	2.00	0.282	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.73	95.5	6.00	0.749	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/04/2023	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	08/03/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	108 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 113 @ 4FT (H234006-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	1.95	97.6	2.00	3.10	
Toluene*	<0.050	0.050	08/05/2023	ND	1.89	94.3	2.00	0.283	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.94	97.2	2.00	0.282	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.73	95.5	6.00	0.749	
Total BTEX	<0.300	0.300	08/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	08/04/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					
Surrogate: 1-Chlorooctane	131 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	152 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW # 6 (H234006-07)

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	08/04/2023	ND	2.04	102	2.00	0.417	
Toluene*	<0.050	0.050	08/04/2023	ND	1.96	98.1	2.00	0.559	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	2.03	102	2.00	0.121	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	6.09	101	6.00	0.680	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/04/2023	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW # 6 (H234006-08)

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	08/04/2023	ND	2.04	102	2.00	0.417	
Toluene*	<0.050	0.050	08/04/2023	ND	1.96	98.1	2.00	0.559	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	2.03	102	2.00	0.121	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	6.09	101	6.00	0.680	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/04/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	127 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	150 \$	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW # 7 (H234006-09)

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	08/04/2023	ND	2.04	102	2.00	0.417	
Toluene*	<0.050	0.050	08/04/2023	ND	1.96	98.1	2.00	0.559	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	2.03	102	2.00	0.121	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	6.09	101	6.00	0.680	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/04/2023	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	112 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	07/28/2023	Sampling Date:	07/28/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW # 7 (H234006-10)

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	08/04/2023	ND	2.04	102	2.00	0.417	
Toluene*	<0.050	0.050	08/04/2023	ND	1.96	98.1	2.00	0.559	
Ethylbenzene*	<0.050	0.050	08/04/2023	ND	2.03	102	2.00	0.121	
Total Xylenes*	<0.150	0.150	08/04/2023	ND	6.09	101	6.00	0.680	
Total BTEX	<0.300	0.300	08/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/04/2023	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					
Surrogate: 1-Chlorooctane	100 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **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

#### 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 whatscever 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 whose 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 whose share there applied by the services arise 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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

(A)		
101 East Marland, Ho	ATOR	ES 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environ Project Manager: Zeck	nmental & Safety S	UIUBO	ms, ir	IC.	_		1			BI	LL	TO	-	-	-	-	_		1	1							
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NOTE: Liability and Damages, Cardinal's liability and All claims including those for neolipence and any other	dient's exclusive remedy for an ir cause whataoever shall be d	dain a	rising wh	ether ba	V	-		1	1	7-2	8-23			V	1	5	VI	-		-	+	+	-	-			
All claims including those for negligence and any oth In ouvert shall Cardinal be liable for incidential or our or successions arking out of or related to the performan Quished By:	r Gause whatapever shall be d sequental damages, including of of services bates, including	whow it	aived un nilation,	less mar business	de in wr	ting and ptions, is	receive	ed by C	andinal of	to the a within 3	mount p D days at	aid by 6 Ner com	he client for the pletion of the	ie applica	ibio	-	-	-	_	-	-	1					_
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Page 13 of 13



August 10, 2023

ZACH CONDER

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RISER 70 PIPE 03

Enclosed are the results of analyses for samples received by the laboratory on 08/03/23 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 151 @ 4 FT (H234105-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	08/09/2023	ND	2.11	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.20	110	2.00	0.846	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.80	113	6.00	0.870	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/08/2023	ND	448	112	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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

## Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 152 @ 4 FT (H234105-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	08/09/2023	ND	2.11	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.20	110	2.00	0.846	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.80	113	6.00	0.870	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/08/2023	ND	448	112	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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 153 @ 4 FT (H234105-03)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	08/09/2023	ND	2.11	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.20	110	2.00	0.846	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.80	113	6.00	0.870	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/08/2023	ND	448	112	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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 154 @ 4 FT (H234105-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	08/09/2023	ND	2.11	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.20	110	2.00	0.846	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.80	113	6.00	0.870	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/08/2023	ND	448	112	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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.2	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 155 @ 4 FT (H234105-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	08/09/2023	ND	2.11	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.20	110	2.00	0.846	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.80	113	6.00	0.870	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	49.3	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	44.4	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 156 @ 4 FT (H234105-06)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	26.9	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	16.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 157 @ 4 FT (H234105-07)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 158 @ 4 FT (H234105-08)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: SW # 25 (H234105-09)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: NW 25 (H234105-10)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	175	87.4	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	184	92.2	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: SW # 21 (H234105-11)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	153	76.3	200	4.51	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	145	72.3	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: NW # 21 (H234105-12)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	153	76.3	200	4.51	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	145	72.3	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	75.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: SW # 22 (H234105-13)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	154	77.1	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	156	78.0	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: NW # 22 (H234105-14)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	154	77.1	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	156	78.0	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: SW # 23 (H234105-15)

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	08/09/2023	ND	2.08	104	2.00	2.52	
Toluene*	<0.050	0.050	08/09/2023	ND	2.00	100	2.00	3.42	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.01	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	2.00	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	154	77.1	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	156	78.0	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: NW # 23 (H234105-16)

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	08/09/2023	ND	2.20	110	2.00	0.829	
Toluene*	<0.050	0.050	08/09/2023	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.00	99.8	2.00	0.388	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	0.0395	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	154	77.1	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	156	78.0	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: SW # 24 (H234105-17)

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	08/09/2023	ND	2.20	110	2.00	0.829	
Toluene*	<0.050	0.050	08/09/2023	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.00	99.8	2.00	0.388	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	0.0395	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	154	77.1	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	156	78.0	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: NW # 24 (H234105-18)

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	08/09/2023	ND	2.20	110	2.00	0.829	
Toluene*	<0.050	0.050	08/09/2023	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.00	99.8	2.00	0.388	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	0.0395	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/09/2023	ND	154	77.1	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/09/2023	ND	156	78.0	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/09/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: WW # 5 (H234105-19)

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	08/09/2023	ND	2.20	110	2.00	0.829	
Toluene*	<0.050	0.050	08/09/2023	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.00	99.8	2.00	0.388	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	0.0395	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/08/2023	ND	154	77.1	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	156	78.0	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ZACH CONDER 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	08/03/2023	Sampling Date:	08/02/2023
Reported:	08/10/2023	Sampling Type:	Soil
Project Name:	RISER 70 PIPE 03	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 150 @ 4 FT (H234105-20)

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	08/09/2023	ND	2.20	110	2.00	0.829	
Toluene*	<0.050	0.050	08/09/2023	ND	2.12	106	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	2.00	99.8	2.00	0.388	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	6.02	100	6.00	0.0395	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/08/2023	ND	432	108	400	3.77	
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	08/09/2023	ND	154	77.1	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/09/2023	ND	156	78.0	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/09/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL T	0		÷				
Project Manager: Zock		P.O. #:	-	1	-		ANALYS	S REQUEST	
ddress: P.O. Box 301		Company: SPUT Energy UC.							
tity: Lovington State: NM Zip: 8820	60	Attn:	negy UC.		1				
hone #: (575) 396-2378 Fax #: (575) 396-1429				1					
roject #: / 82.38 Broinet O		Address:		1.1	1				
roject Name: Riser To Pipe 03	1	City:	the other		-				
Sjoci Locaton.		State: Zip:	1	Chloride	FPH (8015M)	BTEX (8021B)	1.1		
ampler Name: form Kios		Phone #:	4C-3040.	lori	(80	(80			
OR LAB USE ONLY	MATRIX	hax #:		5	H	¥			
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E NOTE: Libblity and Damages, Cardinal's liability and client's exclusive temedy for any claim arising whe ss. All claims including those for negligence and any other clause whatsoever shall be deemed waived in no event shall Cardinal be liable for incidental or consequential damages, including without limitation, be or successors arising out of or related to the order	ther based in contract or as made in writing and re	fort, shall be limited to the amount pu	id by the client for the	-	-	_			
nguished By:	of whether such claim is t	s of use, or loss of profils incurred by based upon any of the above stated	dient, its subsidiaries,	pplicable					
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CX.	ARDINAL LABORATOR	UEC
-	101 East Marland, Hobbs, NM	88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety	Solutions, Inc.		1	-			_	5.						
Project Manager: Zock			P.0.		BILL T	0	-			ANALY	SIS RE	QUEST		
Address: P.O. Box 301			-		10.0		1	1				1		- 1
City: Lovington State: N	M Zip: 88260			pany:	2101 8	argylle.		1	111					
rione #: (5/5) 396-2378			Attn:	-	-			1						
Project #: /8238 Project 0			Addre	SS;			1 1	1.						
Project #: /9238 Project 0 Project Name: Piser 70 Pipe c3			City:	-	-			1						
Project Location:	- N		State:	411	Zip:	1.1.1.1.1.1		EM)	18					
Sampler Name: foron Rios			Phone	#:	¥'	1 1.51 SV	Chloride	TPH (8015M)	BTEX (8021B)					
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es or successors arising out of or related to the performance of services intervalient inquished By: Date:	Received By:	er such chaim is t	s of use, or k based upon a	es of profi	its incurred by cli above stated real	ent, its subsidiaries, sons or otherwise								
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February 26, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: RISER 70 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/21/24 14:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	02/21/2024	Sampling Date:	02/21/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - UL/A SEC20 T17S T31E		

#### Sample ID: EH - 1 @ S (EW2) (H240853-01)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	1.93	96.3	2.00	8.30	
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/23/2024	ND	432	108	400	3.64	
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	02/23/2024	ND	176	88.2	200	6.44	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	182	91.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					
Surrogate: 1-Chlorooctane	71.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	02/21/2024	Sampling Date:	02/21/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - UL/A SEC20 T17S T31E		

#### Sample ID: EH - 1 @ 1' (EW2) (H240853-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	1.93	96.3	2.00	8.30	
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/23/2024	ND	432	108	400	3.64	
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	02/23/2024	ND	176	88.2	200	6.44	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	182	91.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					
Surrogate: 1-Chlorooctane	73.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	02/21/2024	Sampling Date:	02/21/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - UL/A SEC20 T17S T31E		

#### Sample ID: WH - 1 @ S (WW2) (H240853-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	1.93	96.3	2.00	8.30	
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/23/2024	ND	432	108	400	3.64	
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	02/23/2024	ND	176	88.2	200	6.44	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	182	91.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	02/21/2024	Sampling Date:	02/21/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - UL/A SEC20 T17S T31E		

#### Sample ID: WH - 1 @ 1' (WW2) (H240853-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	1.93	96.3	2.00	8.30	
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/23/2024	ND	432	108	400	3.64	
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	02/23/2024	ND	176	88.2	200	6.44	
DRO >C10-C28*	<10.0	10.0	02/23/2024	ND	182	91.0	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	02/23/2024	ND					
Surrogate: 1-Chlorooctane	71.9 \$	48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	02/21/2024	Sampling Date:	02/21/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - UL/A SEC20 T17S T31E		

#### Sample ID: NH - 1 @ S (NW2) (H240853-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	1.93	96.3	2.00	8.30	
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/23/2024	ND	432	108	400	3.64	
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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.1	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

Etech Environmental & Safety Solutions ROBBIE RUNNELS 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	02/21/2024	Sampling Date:	02/21/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	RISER 70 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18238	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - UL/A SEC20 T17S T31E		

#### Sample ID: NH - 1 @ 1' (NW2) (H240853-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	1.93	96.3	2.00	8.30	
Toluene*	<0.050	0.050	02/24/2024	ND	2.00	99.8	2.00	5.61	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.98	99.2	2.00	6.04	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	6.03	100	6.00	5.47	
Total BTEX	<0.300	0.300	02/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/23/2024	ND	432	108	400	3.64	
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	02/22/2024	ND	186	93.1	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	184	91.8	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.4	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 Released to Imaging: 6/2/2025 4:13:15 PM

# Received by OCD: 5/21/2025 11:59:12 AM

s, Inc. P.O. #: P.O. #: Spur Energy Partners Spur Energy Partners Spur Energy Partners Spur Energy Partners State: NM Phone #: Fax #: Fax #:	Inc.: 88240 88240 Spur Energy Partners Spur Energy Partners Spur Energy Partners Spur Energy Partners Fax #: Phone #:	s, Inc. <b>P</b> .O. #: p: 88240 Company p: 88240 Attn: Spur Energy Partners City: State: NM Phone #: Fax #: Fax #:	Inc.     BILL TO       P.O. #:     P.O. #:       Company     Spur Energy Partners       88240     Attn:     Kathy Purvis       88240     Address:       Spur Energy Partners     City:       Spur Energy Partners     City:       Phone #:     Fax #:       PRESERV.     SAMPLING	Inc.     BILL TO       P.O. #:     P.O. #:       Company     Spur Energy Partners       88240     Attn:     Kathy Purvis       88240     Address:     Spur Energy Partners       Spur Energy Partners     City:     State:     NM       Spur Energy Partners     State:     NM     Zip:       Phone #:     Phone #:     Chloride	s, Inc. BILL TO P.O. #: P.O. #: P.O. #: P.O. #: Spur Energy Partners Spur Energy Partners Spur Energy Partners City: Fax #: Fax #: Chloride TPH (8015M) BTEX (8021B)	s, Inc. BILL TO P.O. #: P.O. #: P.O. #: P.O. #: Spur Energy Partners Spur Energy Partners Spur Energy Partners City: Fax #: Fax #: Chloride TPH (8015M) BTEX (8021B)	Inc. BILL TO BS ER R MATRIX PRESERV. SAMPLING TPH (8015M) BTEX (8021B)	Inc.     BILL TO     ANALYSIS       B8240     Attn:     Company     Spur Energy Partners       88240     Attn:     Kathy Purvis       88240     Attn:     Kathy Purvis       Spur Energy Partners     City:     Address:       Phone #:     Phone #:     Phone #:       Fax #:     Fax #:     Chloride       TPH (8015M)     BTEX (8021B)	Inc. BILL TO BILL TO P.O. #: P.O. #: Company Spur Energy Partners 88240 Attn: Kathy Purvis Spur Energy Partners Chtorie Fax #: Fax #: Chloride TPH (8015M) BTEX (8021B)
# CONTAINERS     GROUNDWATER       GROUNDWATER     WASTEWATER       SOIL     OIL       OIL     Phone       SLUDGE     Phone       OTHER:     PRESERV       ACID/BASE:     PRESERV       ICE / COOL     COL	Inc.     BILL TO       Inc.     P.O. #:       ROUNDWATER     Company       VASTEWATER     Attn:       VASTEWATER     MATRIX       OIL     Phone #:       LUDGE     Phone #:       CID/BASE:     Erax #:       COL     THER:       COL     THER:	Inc.     BILL TO       Inc.     P.O. #:       P.O. #:     P.O. #:       P.O. #:     P.O. #:       Solution     Attn:       Kathy Purvis     Address:       Solution     State:       NATRIX     PRESERV       Solution     PRESERV       Solution     Provis       Actio/BASE:     PRESERV       Solution     State:       NM TRIX     PRESERV       State:     NM Zip:       Provis     Fax #:       Provis     SampLing       Actio/BASE:     SampLing       OTHER :     NATE       Time     Time	Inc.     BILL TO       ROUNDWATER     Astrewater       ASTEWATER     MATRIX       DIL     MATRIX       UDGE     Fax #:       CID/BASE:     Fax #:       E / COOL     Fax #:       CID/BASE:     Sampling       E / COOL     Fax #:       CID/BASE:     Company       E / COOL     Fax #:       CID/BASE:     Fax #:       CID/BASE:     Company       E / COOL     Former	MATRIX     PLL TO       DUNDWATER     Spur Energy Partners       STEWATER     MATRIX       IDGE     Address:       IDGE     Phone #:       ID/BASE:     Prone #:       ID/BASE:     Prone #:       ID/BASE:     Company       State:     NM       ID/BASE:     Phone #:       ID/BASE:     Phone #: <td>TAINERS     P.O. #:       NDWATER     P.O. #:       EWATER     MATRIX       Phone #:     Phone #:       Pax #:     Preserv       State:     NM Zip:       Chloride       TPH (8015M)       BTEX (8021B)</td> <td>MTAINERS     Spur Energy     P.O. #:       UNDWATER     P.O. #:     P.O. #:       TEWATER     MATRIX     Fax #:     Address:       DGE     ER:     Phone #:     Kathy Purvis       VBASE:     COOL     Fax #:     Kathy Purvis       COOL     ER:     MATRIX     Fax #:       DGE     Fax #:     Image: State:     Kathy Purvis       COOL     ER:     MATRIX     Kathy Purvis       ER:     PRESERV:     SAMPLING     Kathy Purvis       COOL     ER:     SAMPLING     Energy Pathers       DETEX (8021B)     BTEX (8021B)     Energy Pathers</td> <td>Inc.     BILL TO       DUNDWATER     Sterewatter       DDBE     MATRIX       DGE     Fax #:       D/BASE:     Phone #:       D/BASE:     PRESERV.       State:     NM Zip:       Cool     Fax #:       D/BASE:     Chloride       TPH (8015M)       BTEX (8021B)</td> <td>Inc. BILL TO Inc. BILL TO Inc.</td> <td>MATAINERS     BILL TO       JNDWATER     Company       TEWATER     Address:       OGE     Address:       Phone #:     Phone #:       PRESERV.     SAMPLING       Chloride       TPH (8015M)       BTEX (8021B)</td>	TAINERS     P.O. #:       NDWATER     P.O. #:       EWATER     MATRIX       Phone #:     Phone #:       Pax #:     Preserv       State:     NM Zip:       Chloride       TPH (8015M)       BTEX (8021B)	MTAINERS     Spur Energy     P.O. #:       UNDWATER     P.O. #:     P.O. #:       TEWATER     MATRIX     Fax #:     Address:       DGE     ER:     Phone #:     Kathy Purvis       VBASE:     COOL     Fax #:     Kathy Purvis       COOL     ER:     MATRIX     Fax #:       DGE     Fax #:     Image: State:     Kathy Purvis       COOL     ER:     MATRIX     Kathy Purvis       ER:     PRESERV:     SAMPLING     Kathy Purvis       COOL     ER:     SAMPLING     Energy Pathers       DETEX (8021B)     BTEX (8021B)     Energy Pathers	Inc.     BILL TO       DUNDWATER     Sterewatter       DDBE     MATRIX       DGE     Fax #:       D/BASE:     Phone #:       D/BASE:     PRESERV.       State:     NM Zip:       Cool     Fax #:       D/BASE:     Chloride       TPH (8015M)       BTEX (8021B)	Inc. BILL TO Inc.	MATAINERS     BILL TO       JNDWATER     Company       TEWATER     Address:       OGE     Address:       Phone #:     Phone #:       PRESERV.     SAMPLING       Chloride       TPH (8015M)       BTEX (8021B)
WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : MATRIX PRESERV MATRIX Fax #: ICE / COOL OTHER : B	ASTEWATER OIL UDGE DTHER : CCID/BASE: CE / COOL DTHER : CE / COOL	MATER     Attn:     Kathy Purvis       SOIL     OIL     Attn:     Kathy Purvis       MATRIX     PRESERV     State:     NM       State:     PRESERV     SAMPLING       ACID/BASE:     PRESERV     SAMPLING       ICE / COOL     DATE     TIME	ASTEWATER DIL L UDGE THER : DID/BASE: E / COOL THER : DID/BASE: DID/BASE: E / COOL THER : DID/BASE: E / COOL THER : DID/BASE	BILL TO       P.O. #:       P.O. #:       P.O. #:       P.O. #:       DGE       HER :       D/BASE:       /COOL       Fax #:       /COOL       HER :       D/BASE:       /COOL       Fax #:       Chloride   TPH (8015M)	BILL TO       BE     Company       SE     Company       Sase:     Phone #:       Sool     Preserv       State:     NM       State:     Preserv       BTEX (8021B)	TEWATER     MATRIX     Pro. #:       DGE     Pro. #:     Address:       Phone #:     Phone #:     Address:       ZOOL     PRESERV     NM Zip:       ER :     PRESERV       MATRIX     PRESERV       MATRIX     PRESERV       PRESERV     State:       NM Zip:     Kathy Purvis       ER :     Chloride       TPH (8015M)       BTEX (8021B)	BILL TO       DGE     Pr.O. #:       DGE     Attn:       Address:     Address:       DBASE:     Phone #:       /COOL     Fax #:       /ER :     OBASE:       /COOL     Fax #:       /COOL     Chloride       TPH (8015M)       BTEX (8021B)	ATTER MATRIX PRESERV SAMPLING Chloride TPH (8015M) BTEX (8021B) BTEX (8021B)	MATRIX     PRESERV Fax #:     State: Phone #:     NM Zip:     Address:     Address:       COOL     Fax #:     Fax #:     Chloride     TPH (8015M)       BTEX (8021B)     BTEX (8021B)     BTEX (8021B)
OTHER : PRESERV Phone #: PRESERV MM	BILL TO       P.O. #:       Company     Spur Energy Par       Attn:     Kathy Purvis       Address:     City:       State:     NM Zip:       Phone #:     Fax #:       PRESERV.     SAMPLING       DTHER:     SAMPLING	BILL TO       P.O. #:     Company     Spur Energy Pathers       Attn:     Kathy Purvis       Address:     Kathy Purvis       State:     NM       State:     NM       Phone #:     Fax #:       PRESERV:     SAMPLING       OTHER :     DATE	BILL TO       P.O. #:       Company     Spur Energy Partners       Attn:     Kathy Purvis       Address:     City:       State:     NM       Phone #:     PRESERV.       PRESERV.     SAMPLING       Chloride     Chloride	BILL TO       P.O. #:       Company     Spur Energy Partners       Address:     Kathy Purvis       Address:     Kathy Purvis       Phone #:     Dibase       PRESERV     SAMPLING       Chloride       TPH (8015M)	R:     BILL TO       P.O. #:     Company Spur Energy Patthers       Address:     Address:       Phone #:     Preserv, Sampling       PRESERV, Sampling     Chloride       TPH (8015M)       BTEX (8021B)	ER : Cool Company Spur Energy Partners Address: Address: Address: Address: Address: Address: Address: Address: Address: Address: Cool ER : NM Zip: Cool ER : NM Zip: Chloride ER : Chloride TPH (8015M) BTEX (8021B)	BILL TO       PRO. #:       D/BASE:       D/BASE:       Preserv:       State:       NM       Zip:       Chloride       TPH (8015M)       BTEX (8021B)	BILL TO     ANALYSIS       P.O. #:     Company Spur Energy Partners       Attn:     Kathy Purvis       Address:     City:       State:     NM Zip:       Phone #:     Chloride       TPH (8015M)       BTEX (8021B)	BILL TO     P.O. #:       P.O. #:     Company       Company     Spur Energy Partners       Address:     Address:       City:     Kathy Purvis       State:     NM       PRESERV:     SAMPLING       Chloride       TPH (8015M)       BTEX (8021B)
THER: PRODUCT Phone #: PRODUCT Phone #: PRODUCT Phone #: PRESERV MM	BILL TO       P.O. #:       Company     Spur Energy Par       Address:       Address:       City:       State:       Phone #:       PRESERV.       State:       Date	BILL TO       P.O. #:       Company     Spur Energy Pathers       Attn:     Kaithy Purvis       Address:       City:       State:     NM       State:     NM       Phone #:       PRESERV.     SAMPLING       Date     TIME	BILL TO       P.O. #:       Company     Spur Energy Partners       Attn:     Kathy Purvis       Address:     City:       State:     NM       Phone #:     PRESERV.       PRESERV.     SAMPLING       Chloride     Chloride	BILL TO       P.O. #:       Company     Spur Energy Partners       Address:     Kathy Purvis       Address:     Kathy Purvis       Phone #:     Dibase       PRESERV     SAMPLING       Chloride       TPH (8015M)	R:     BLL TO       P.O. #:     Company       Attn:     Kathy Spur Energy Pattners       Address:     Phone #:       PRESERV,     SAMPLING       Chloride       TPH (8015M)       BTEX (8021B)	BLL TO       PRO. #:       Company     Spur Energy Pathers       Address:     Kaithy Purvis       COOL     State:     NM       PRESERV:     SAMPLING       Chloride       TPH (8015M)       BTEX (8021B)	BILL TO       P.O. #:       D/BASE:       D/BASE:       Phone #:       Phone #:       VCOOL       HER :       VCOOL       RESERV:       State:       NM       Zip:       Chloride       TPH (8015M)       BTEX (8021B)	BILL TO     ANALYSIS       P.O. #:     Company Spur Energy Partners       Attn:     Kathy Purvis       Address:     City:       State:     NM Zip:       Phone #:     Chloride       TPH (8015M)       BTEX (8021B)	BILL TO     P.O. #:       P.O. #:     Company       Company     Spur Energy Partners       Address:     Address:       City:     Kathy Purvis       State:     NM       PRESERV:     SAMPLING       Chloride       TPH (8015M)       BTEX (8021B)
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	BILL TO       BILL TO       BILL TO       SERV.       SAMPLING       SAMPLING	BILL TO BILL TO NY Spur Energy Partners S: Kathy Purvis *: *: DATE TIME	E / COOL THER :  SERRV. SAMPLING  Chloride  BILL TO  BILL TO  Chloride	Production     Server     NM     Server       HER:     NM     Zip:     Kathy Purvis       Kathy Purvis     Kathy Purvis       Chloride       TPH (8015M)	BILL TO       R:     NM       Sampling       Chloride       TPH (8015M)       BTEX (8021B)	COOL     SERV.       ER :	**     NM     S:     R       HER :     SAMPLING     **     NM     Zip:       Chloride       TPH (8015M)       BTEX (8021B)	BILL TO     BILL TO       ny     Spur Energy Partners       Kathy Purvis     Kathy Purvis       Chloride     TPH (8015M)       BTEX (8021B)     BTEX (8021B)	COOL     SEERV.       ER :     Image: Seerver of the server of the serv
OTHER: 2 S	Spur Energy Par Kathy Purvis RV. SAMPLING	Spur Energy Partners Kathy Purvis RV. SAMPLING DATE TIME	THER : Spur Energy Partners Kathy Purvis Chloride	HER : NV. SAMPLING Chloride TPH (8015M)	R: RV. SAMPLING Chloride TPH (8015M) BTEX (8021B)	ER : RV. SAMPLING Chloride TPH (8015M) BTEX (8021B)	M     Zip:     Kathy Purvis       Kathy Purvis     Kathy Purvis       Chloride       TPH (8015M)       BTEX (8021B)	BILL TO     ANALYSIS       Spur Energy Partners     Kathy Purvis       Kathy Purvis     Chloride       TPH (8015M)     BTEX (8021B)	ER : RV Spur Energy Partners Kathy Purvis Chloride TPH (8015M) BTEX (8021B)
Spur Energy F Kathy Purvi	LL TO Spur Energy Par Kathy Purvis	LL TO Spur Energy Partners Kathy Purvis SAMPLING	SAMPLING Chloride	SAMPLING Chloride TPH (8015M)	SAMPLING Chloride TPH (8015M) BTEX (8021B)	SAMPLING Chloride TPH (8015M) BTEX (8021B)	SAMPLING     Zip:     Kathy Purvis       Chloride       TPH (8015M)       BTEX (8021B)	SAMPLING Chloride TPH (8015M) BTEX (8021B) Chloride	Sampling     Lip:     Kathy Purvis       Chloride     TPH (8015M)       BTEX (8021B)     ANALYSIS
AMPLIN	ING IVIS	LING	Chloride	Chloride TPH (8015M)	Chloride TPH (8015M) BTEX (8021B)	Chloride TPH (8015M) BTEX (8021B)	Chloride TPH (8015M) BTEX (8021B)	Chloride TPH (8015M) BTEX (8021B)	Chloride TPH (8015M) BTEX (8021B)
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# Appendix D Photographic Log

Photo Number:	May 31 2023 at 8:31	·16 AM
1	May 31, 2023 at 8:31 +32.825493,-103.88 <b>3</b> 955	±5.00m
Photo Direction:	21	23° SW
Southwest		
Photo Description:	and the second of the second o	(hereft)
View of release area.		
Photo Number:	May 21 2022 at 8:27	
2	May 31, 2023 at 8:27 +32.824726,-103.884154	+5.00m
Photo Direction:	102.024720,-100.004134	281° W
West		201 11
Photo Description:	a see a set a set	
View of release area.		

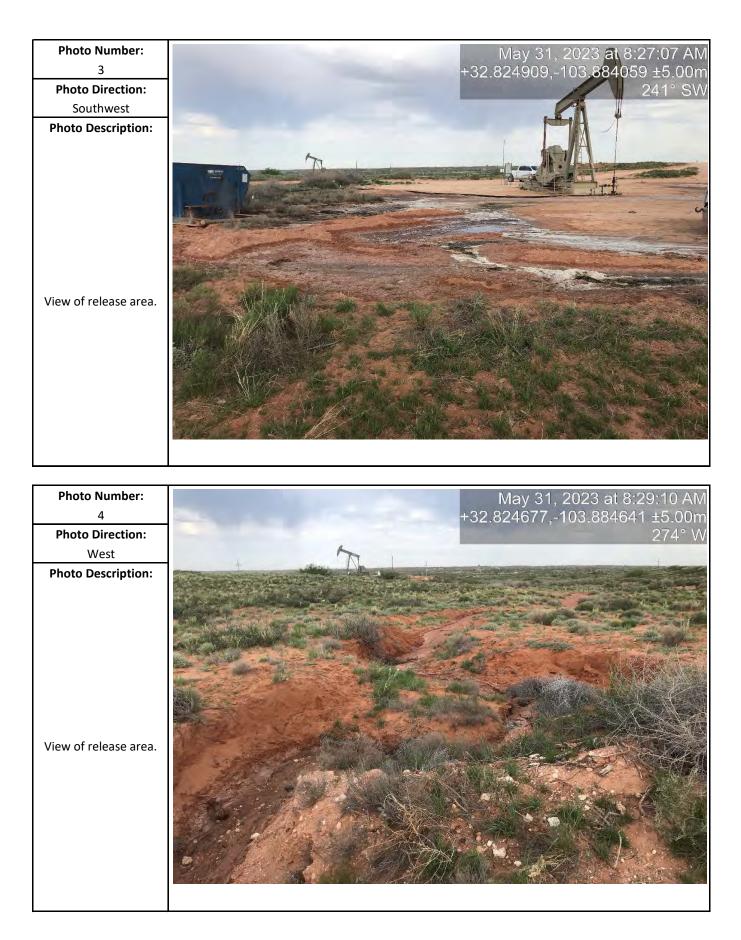
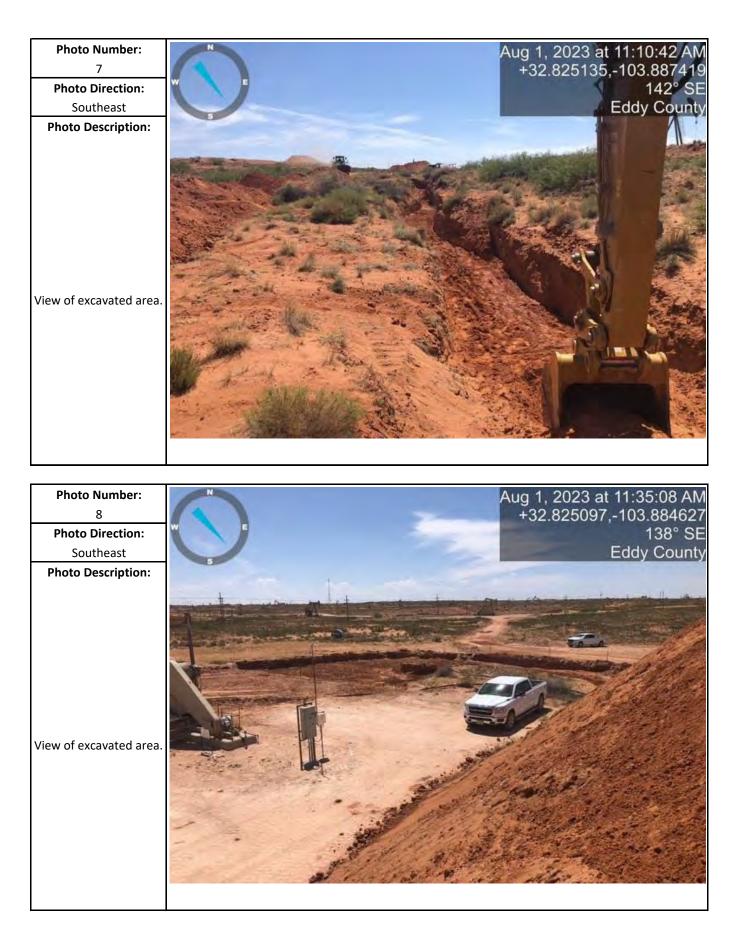
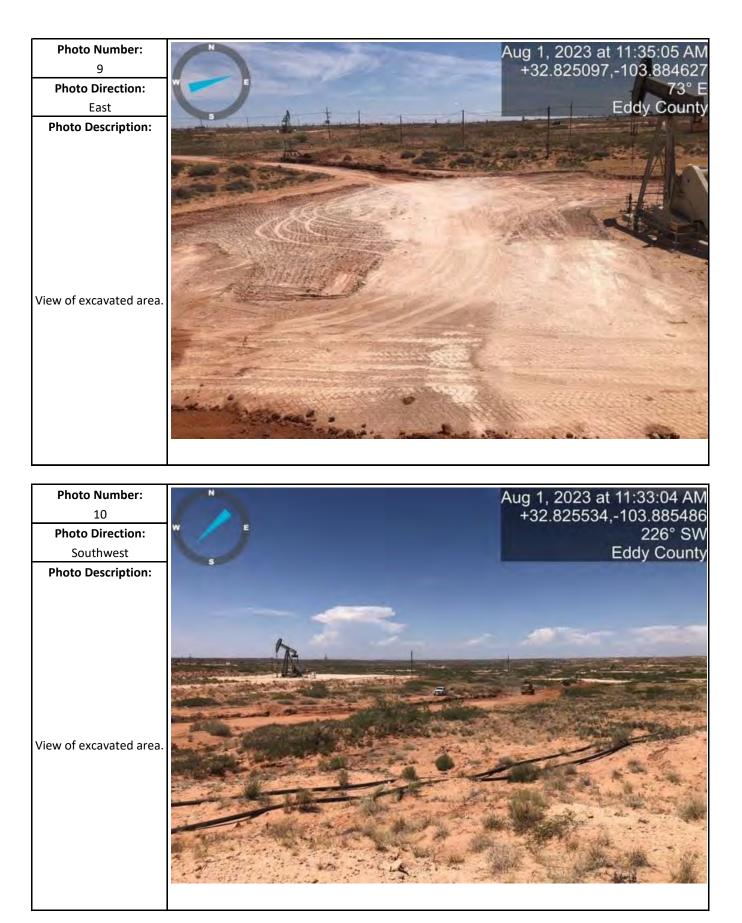
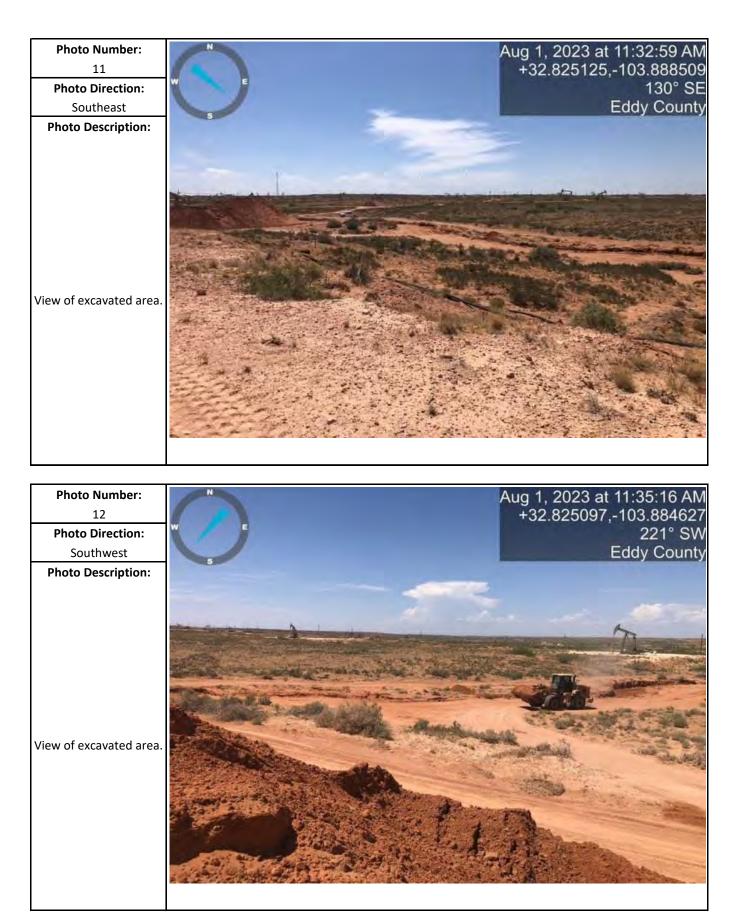


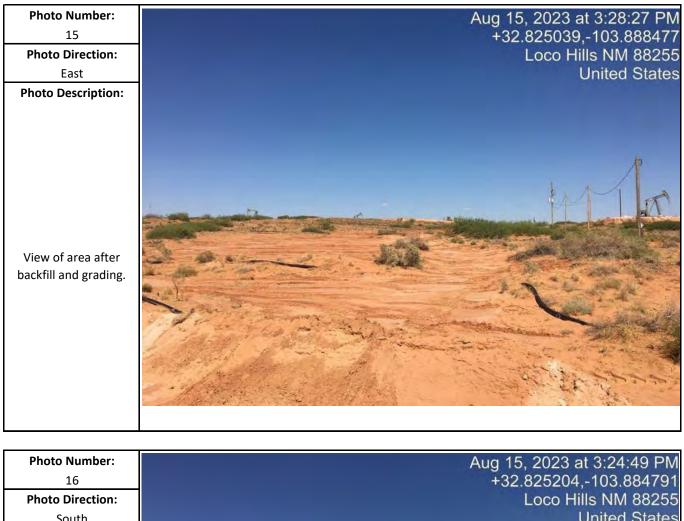
Photo Number:	May 31, 2023 at 8:58:12 AM +32.825162,-103.887645 ±5.00m
5	+32.825162,-103.887645 ±5.00m
Photo Direction:	, 84° E
East	
Photo Description: View of release area.	
Photo Number:	May 31, 2023 at 8:57:22 AM
6	May 31, 2023 at 8:57:22 AM +32.825081,-103.888092 ±5.00m
Photo Direction:	71° E
East	
Photo Description: View of release area.	













# Appendix E Correspondence

### **Robbie Runnels**

From:	OCDOnline@state.nm.us
Sent:	Friday, February 16, 2024 1:38 PM
То:	Robbie Runnels
Subject:	The Oil Conservation Division (OCD) has accepted the application, Application ID: 315246

You don't often get email from ocdonline@state.nm.us. Learn why this is important

To whom it may concern (c/o Robbie Runnels for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2218631423.

The sampling event is expected to take place:

When: 02/20/2024 @ 14:00 Where: A-20-17S-31E 0 FNL 0 FEL (32.825421,-103.883867)

Additional Information: Robbie Runnels, 432-282-9143, robbie@etechenv.com

Additional Instructions: From the intersection of NM-529 and US-82 (GPS: 32.813503, -103.876084), head W on US-82 for 1.00 mi, then N for 0.62 mi, then NE for 0.19 mi, then SE for 0.05 mi, then S for 0.14 mi, then SE for 0.06 mi to arrive at the Riser 70 Pipe 03 release area (GPS: 32.825018, -103.884258).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505

# **Electronic C-141 Supplemental Documentation**

Spur Energy Partners, LLC **Riser 70 Main Line** 

Eddy County, New Mexico Unit Letter A, Section 20, Township 17 South, Range 31 East Latitude 32.825018 North, Longitude 103.884258 West NMOCD Reference No. nAPP2315139771

Prepared By:

Etech Environmental & Safety Solutions, Inc. 2617 W. Marland Hobbs, New Mexico 88240

**Robbie Runnels** 

1001

Joel W. Lowry

Environmental & Safety Solutions, Inc.

Midland • San Antonio • Lubbock • Hobbs • Lafayette

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SUPPLEMENTAL CLOSURE REQUEST ANSWERS.	. 5.0

### **1.0 ELECTRONIC SAMPLING NOTIFICATION**

Date of first excavation confirmation soil sample collection:	6/1/2023	
Total area sampled (sq. ft.):	26,200	
Total number of excavation confirmation soil samples:	216	
Primary sample technician:	Aaron Rios	
Contact information of primary sample technician:	aaron@etechenv.com 4326539132	

#### Driving directions to Site:

From the intersection of NM-529 and US-82 (GPS: 32.813503, -103.876084), head W on US-82 for 1.00 mi, then N for 0.62 mi, then NE for 0.19 mi, then SE for 0.05 mi, then S for 0.14 mi, then SE for 0.06 mi to arrive at the Riser 70 Pipe 03 release area (GPS: 32.825018, -103.884258).

Email and/or verbal final sampling notifications may have previously been conducted. In order to submit an electronic C-141 Closure Report an electronic sampling notification containing the above information must be placed online in the NMOCD Portal.

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## 2.0 SUPPLEMENTAL SITE CHARACTERIZATION ANSWERS

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)?	Between 10 and 500 (ft
Please reference depth to groundwater information packet provided in the C-141 Closure Report	
What method was used to determine the depth to groundwater?	NM OSE iWater Database
Please reference depth to groundwater information packet provided in the C-141 Closure Report. It is possible that one or more methods were utilized to make a reasonable determination of probable depth to groundwater.	Database
Did this release impact groundwater or surface water?	No
Please reference the attached C-141 Closure Report.	
nat is the minimum distance between the closest lateral extents of the release and the following su	rface areas?
A continuously flowing watercourse or any other significant watercourse? Please reference Figure 1 in the attached C-141 Closure Report and/or the attached Figure.	1 to 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? Please reference Figure 2 in the attached C-141 Closure Report and/or the attached Figure.	> 5 (mi.)
An occupied permanent residence, school, hospital, institution or church? Please reference Figure 2 in the attached C-141 Closure Report and/or the attached Figure.	> 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	> 5 (mi.)
Please reference Figure 2 in the attached C-141 Closure Report and/or the attached Figure.	
Any other fresh water well or spring?	> 5 (mi.)
Please reference Figure 2 in the attached C-141 Closure Report and/or the attached Figure.	
Incorporated municipal boundaries or a defined municipal fresh water well field? Please reference Figure 1 in the attached C-141 Closure Report and/or the attached Figure.	> 5 (mi.)
A wetland?	1 to 5 (mi.)
Please reference Figure 2 in the attached C-141 Closure Report and/or the attached Figure.	
A subsurface mine? Please reference Figure 2 in the attached C-141 Closure Report and/or the attached Figure.	> 5 (mi.)
A (non-karst) unstable area? Please reference Figure 2 in the attached C-141 Closure Report and/or the attached Figure.	> 5 (mi.)
Categorize the risk of this well/site being in a karst geology.	Low
Please reference Figure 2 in the attached C-141 Closure Report and/or the attached Figure.	Low
A 100-year floodplain	1 to 5 (mi.)
Please reference Figure 2 in the attached C-141 Closure Report and/or the attached Figure.	
Did the release impact areas not on an exploration, development, production, or storage site?	
Please reference Figure 3 in the attached C-141 Closure Report and/or the attached Figure.	Yes

Please reference Figure 3 in the attached C-141 Closure Report and/or the attached Figure.

## 3.0 SUPPLEMENTAL REMEDIATION PLAN ANSWERS

Requesting a remediation plan approval with this submission?	Yes
Answer yes to this question if you are uploading a C-141 Workplan or a C-141 Closure (at-risk closure)	
Have the lateral and vertical extents of contamination been fully delineated?	Yes
Please reference Figure 3 in the attached C-141 Report and/or the attached Figure.	Tes
Was this release entirely contained within a lined containment area?	No
Please reference Figure 3 in the attached C-141 Report and/or the attached Figure.	No

Soil Contamination Sampling: (Provide the highest observable concentration for each, in mg/kg.)

Chloride (EPA 300.0 or SM4500 CL b)	13,600
TPH (GRO + DRO +MRO) (EPA SW-846 Method 8015M)	1020
GRO+DRO (EPA SW-846 Method 8015M)	789
BTEX (EPA SW-846 Method 8021B or 8260B)	<0.150
Benzene (EPA SW-846 Method 8021B or 8260B)	<0.025
Please reference Table 1 in the attached C-141 Report and/or the attached Table 1.	

On what estimated date did, or will the remediation commence?	
On what date did, or will the final sampling or liner inspection occur?	8/2/2023
On what date will (or was) the remediation complete(d).	8/2/2023
Please reference the attached C-141 Report and/or the attached Table 1.	
What is the estimated surface area (in sq. ft.) that will <i>eventually</i> be reclaimed?	23800
What is the estimated volume (in cy) that has or will <i>eventually</i> be reclaimed?	4540
What is the estimated surface area (in sq. ft.) that has or will be remediated?	26200
What is the estimated volume (in cy) that has or will be remediated?	1800
Please reference Figure 6 in the attached C-141 Report and/or the attached Figure.	

This remediation will (or is expected to) utilize the following processes to remediate/reduce contaminants:

(Ex Situ) excavation and off-site disposal (i.e. dig and haul)	Yes
Which OCD approved facility will be used for off-site disposal?	Lea Land, Inc.
	fEEM0112342028

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# 4.0 SUPPLEMENTAL DEFERRAL REQUEST ANSWERS (if applicable)

Are you requesting a deferral of remediation closure due date with the approval of this submission?	No
Have the lateral and vertical extents of contamination been fully delineated?	
Is the remaining contamination in areas immediately under or around production equipment	
where remediation could cause a major facility deconstruction?	
What is the remaining surface area (sq. ft.) that will still need to be remediated if a deferral is granted?	
What is the remaining volume (cy) that will still need to be remediated if a deferral is granted?	
Enter the facility ID (f#) on which the deferral should be granted:	
Enter the API (30-) on which the deferral should be granted:	
Contamination data and course on imminant rick to human backh, the anti-course of the	
Contamination does not cause an imminent risk to human heath, the environmental or groundwater:	

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## 5.0 SUPPLEMENTAL REMEDIATION CLOSURE REQUEST ANSWERS

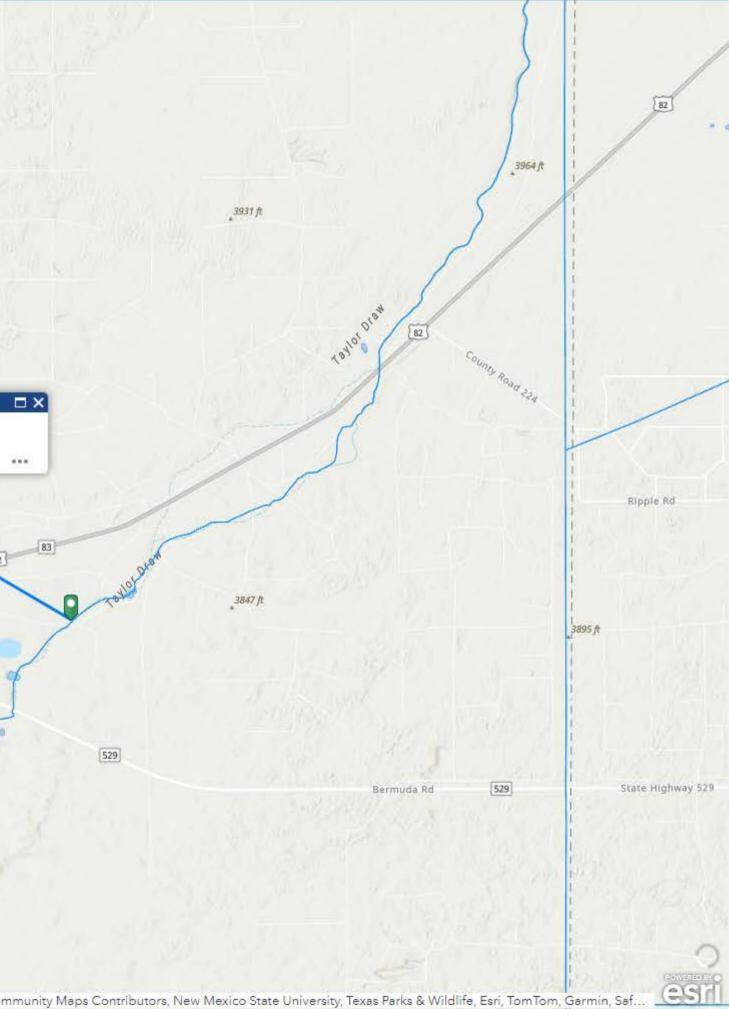
Not to be used if a deferral is being requested.

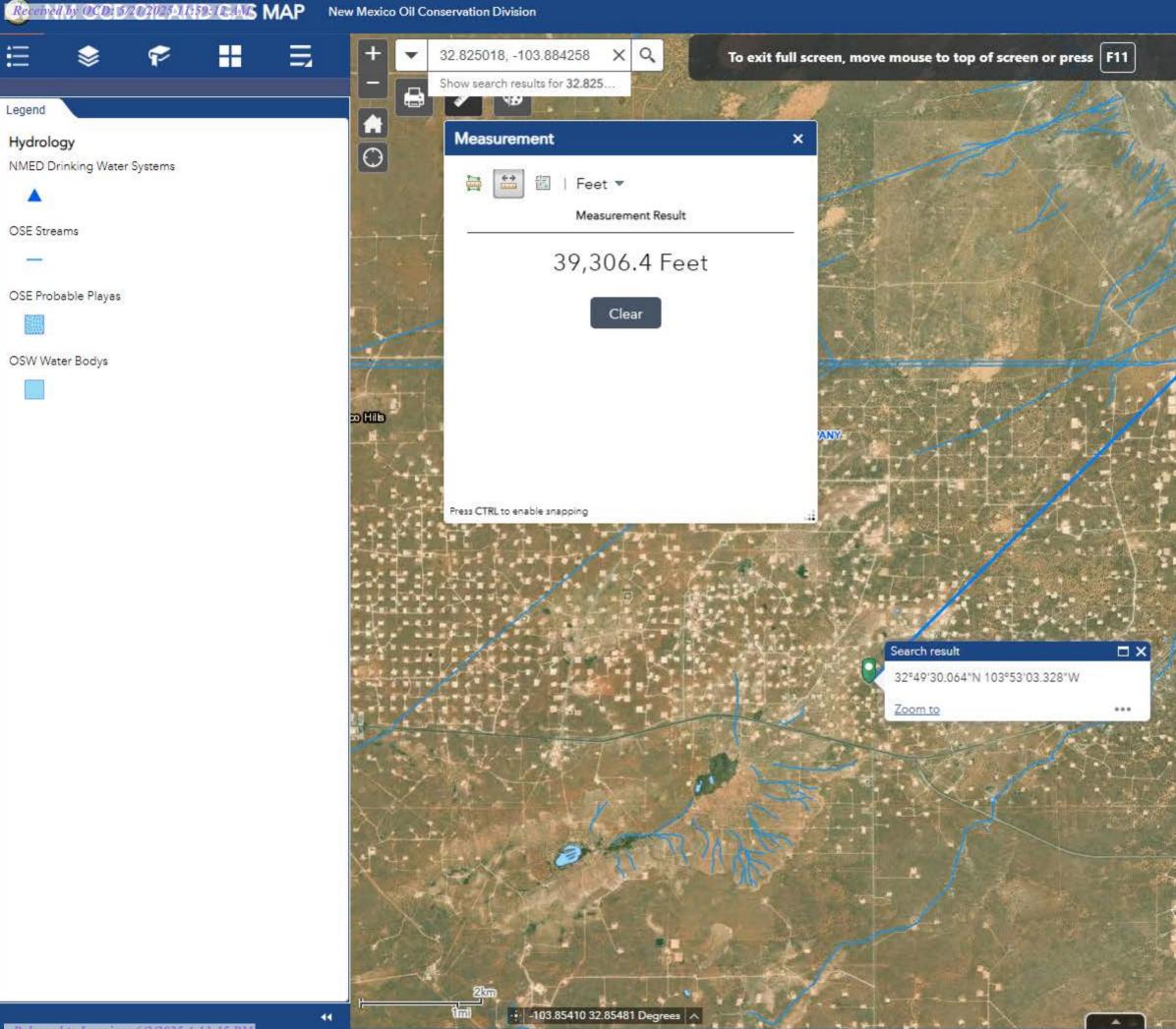
Requesting a remediation closure approval with this submission? Note: an electronic sampling notification or electronic liner inspection notice before proceeding past this step.	Yes
Have the lateral and vertical extents of contamination been fully delineated?	Yes
Was the release entirely contained within a lined containment area?	No
Note: you must have done an electronic sampling notification before proceeding past this step.	
What was the total surface area (sq. ft.) remediated?	22600
What was the total volume (cy) remediated?	4540
	-10-10
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX and 10 mg/kg Benzene?	Yes
What was the total surface area (sq. ft.) reclaimed?	22600
What was the total volume (cy) reclaimed?	4540

Summarize any additional remediation activities not included by answers above?

Beender CODD/CALAND CAS N		ew Mexico Oil Conservation Division
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Layer List	Q₹	Measurement ×
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▶ M2.5+ Earthquakes (USGS 30-day)	***	Measurement Result
▶ NM Oil and Gas Wells		9,526.7 Feet
▶ Incidents (C-141)		Clear
▶  Facilities	•••	
▶ USGS Groundwater wells	•••	
▶ Induced Seismicity Area		Search result
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▶ BLM FM Agreements Case Disp		223
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		Shugar Rd 3785 ft
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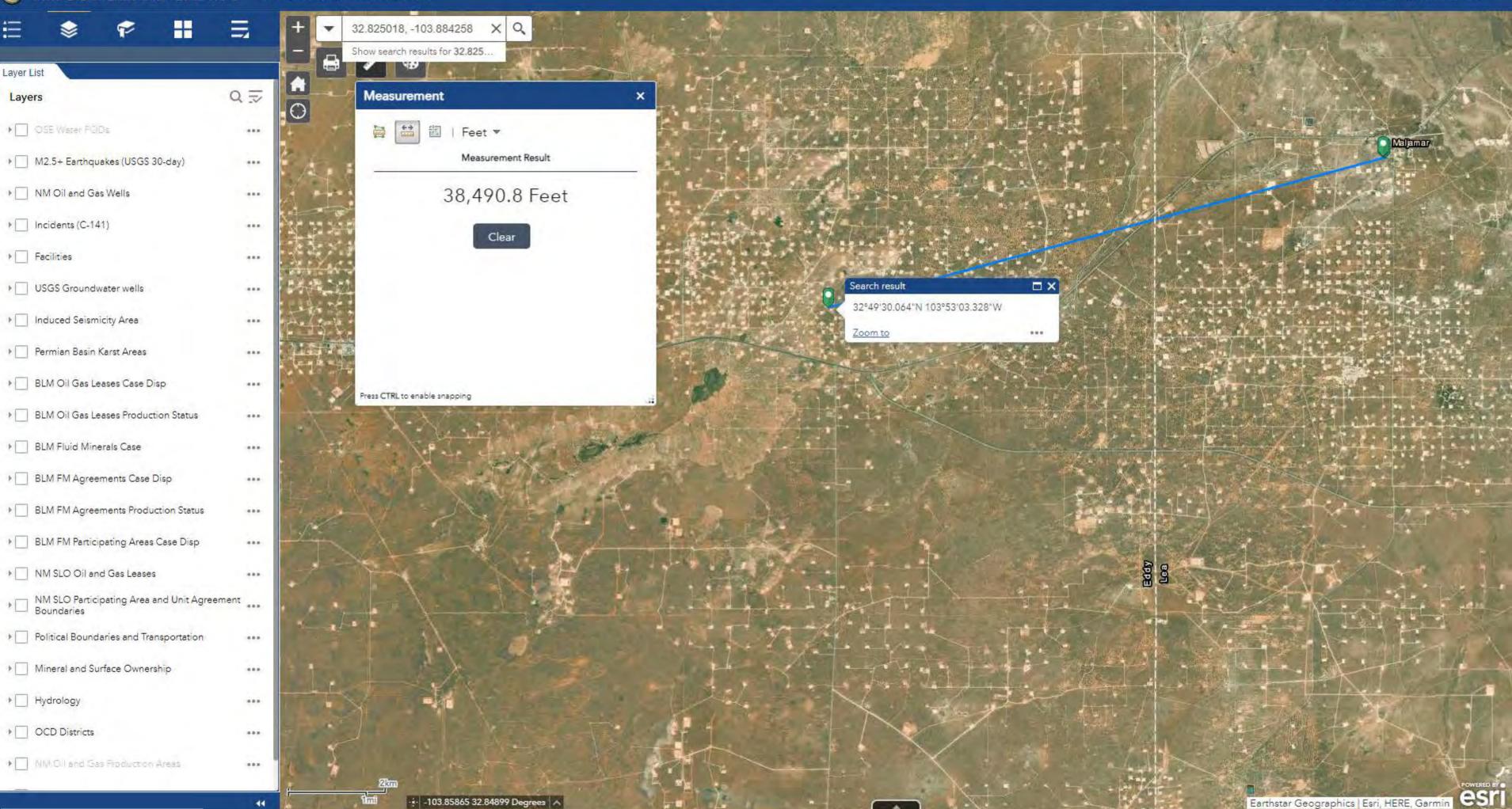
MORWEST CORPORATION

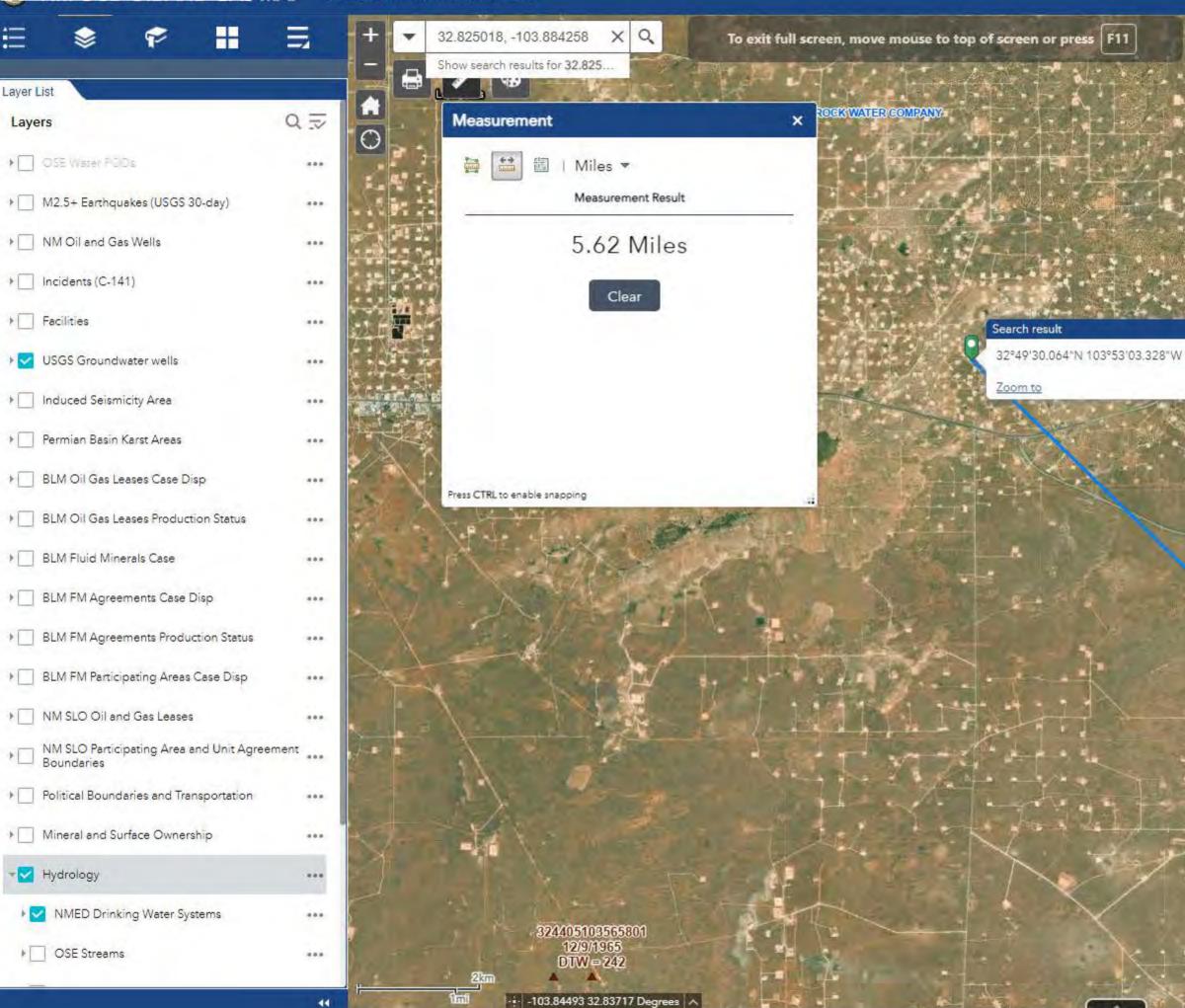
MORWEST CORPORATION MORWEST CORPORATION CARLSBAD MUNICIPAL WATER SYSTEM

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Maljamar

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#### MORWEST CORP.

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Maljamar

32504810343560 1/28/1981 DTW

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325028103441301 12/7/1990 DTW

Eddy Lea

324539103490501 4/7/197 DTW = 435.34 324519103474501 100

324502103495801 4/6/1971 DTW = 377.3

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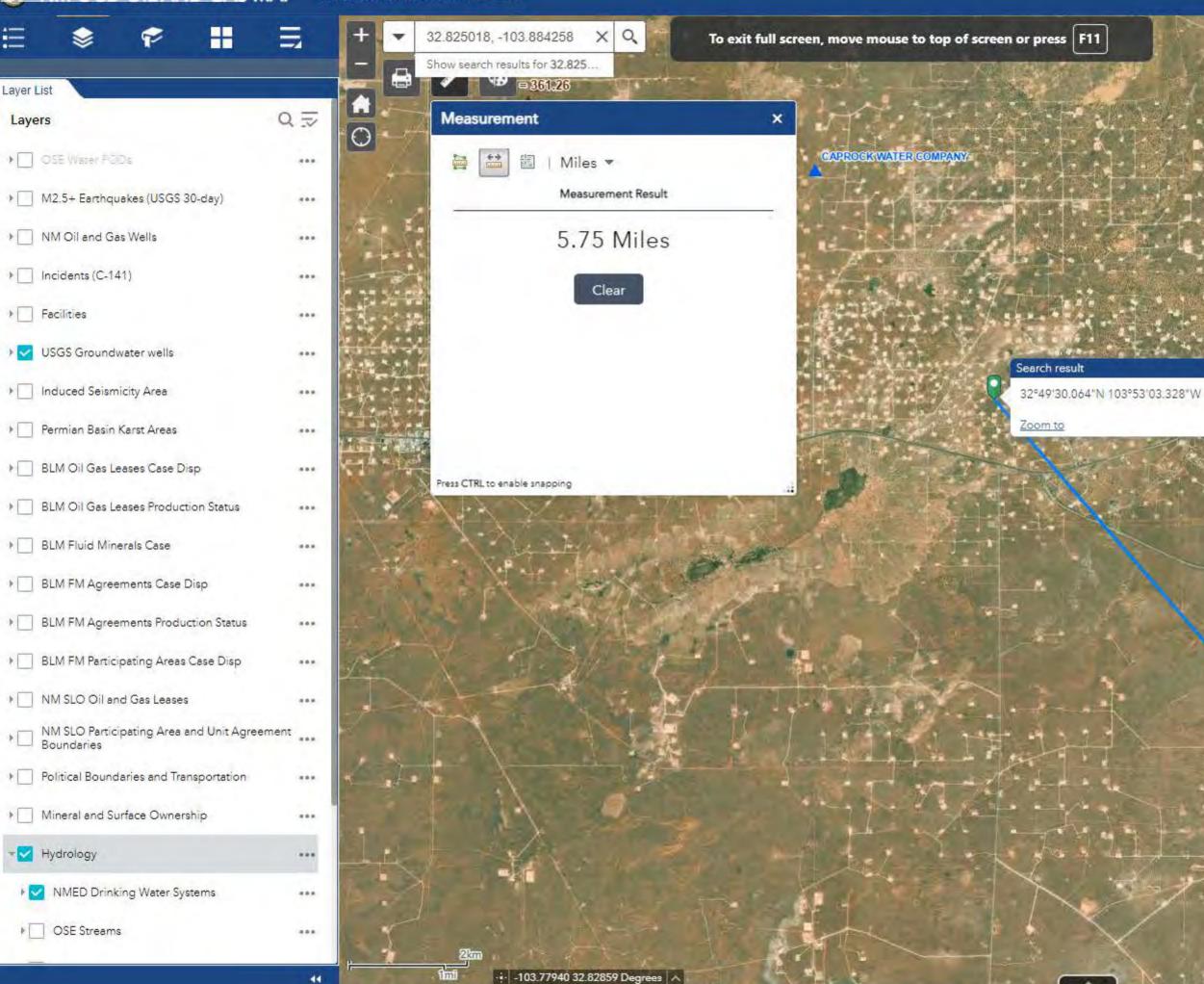
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5/26/1976 DTW = 80.8

324458103454301 3/18/1968 DTW = 84.18

324356103471601 3/25/1986 DTW = 165.6

NM OSE | USGS | Earthstar Geographics | Esri, HERE, Garmin



325223103462501 5/5/1976 DTW = 122.35

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25142103451501 128/1981 RDGE WATER CO-01 NDTW ER164 DOE WATE

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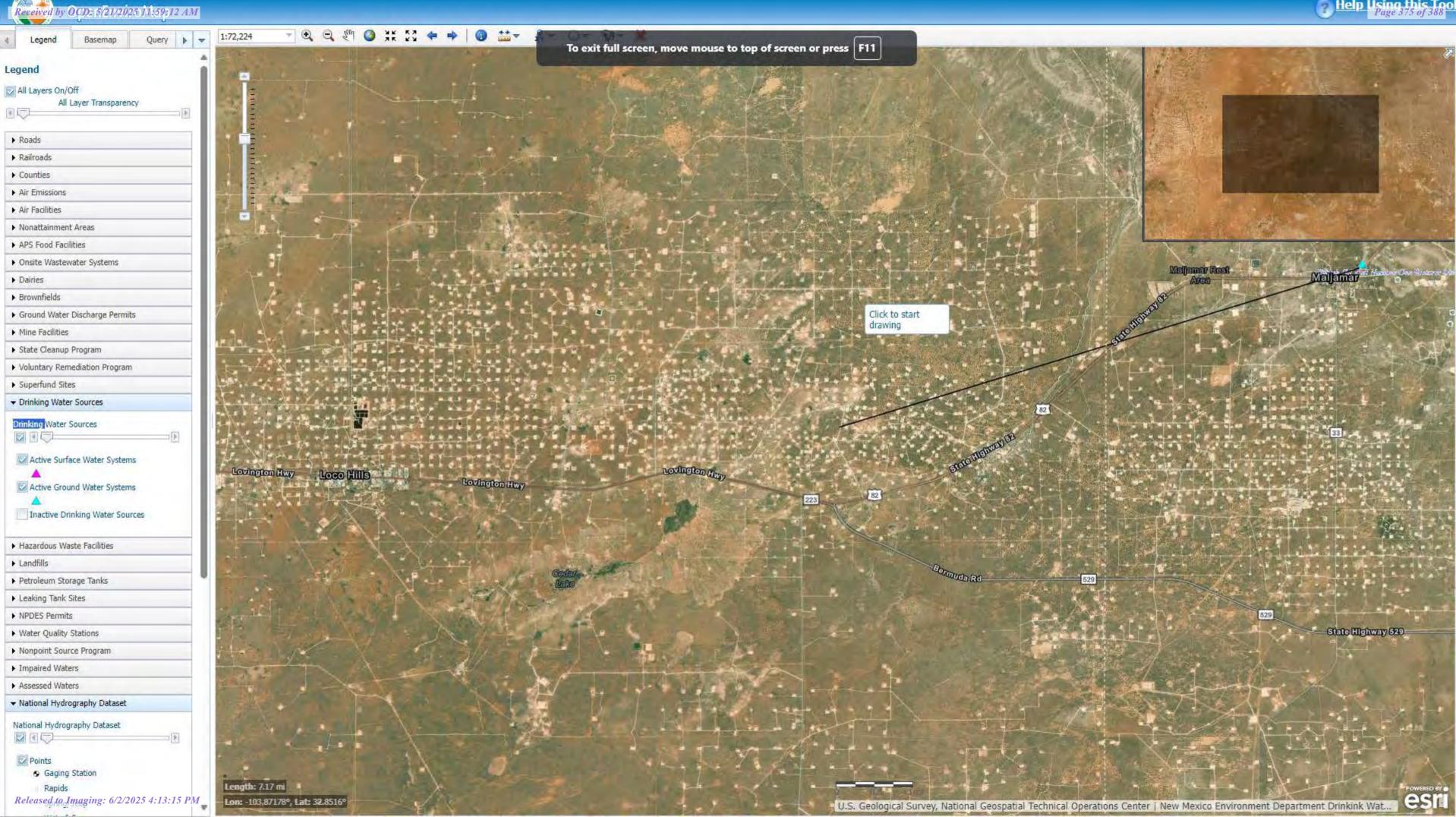
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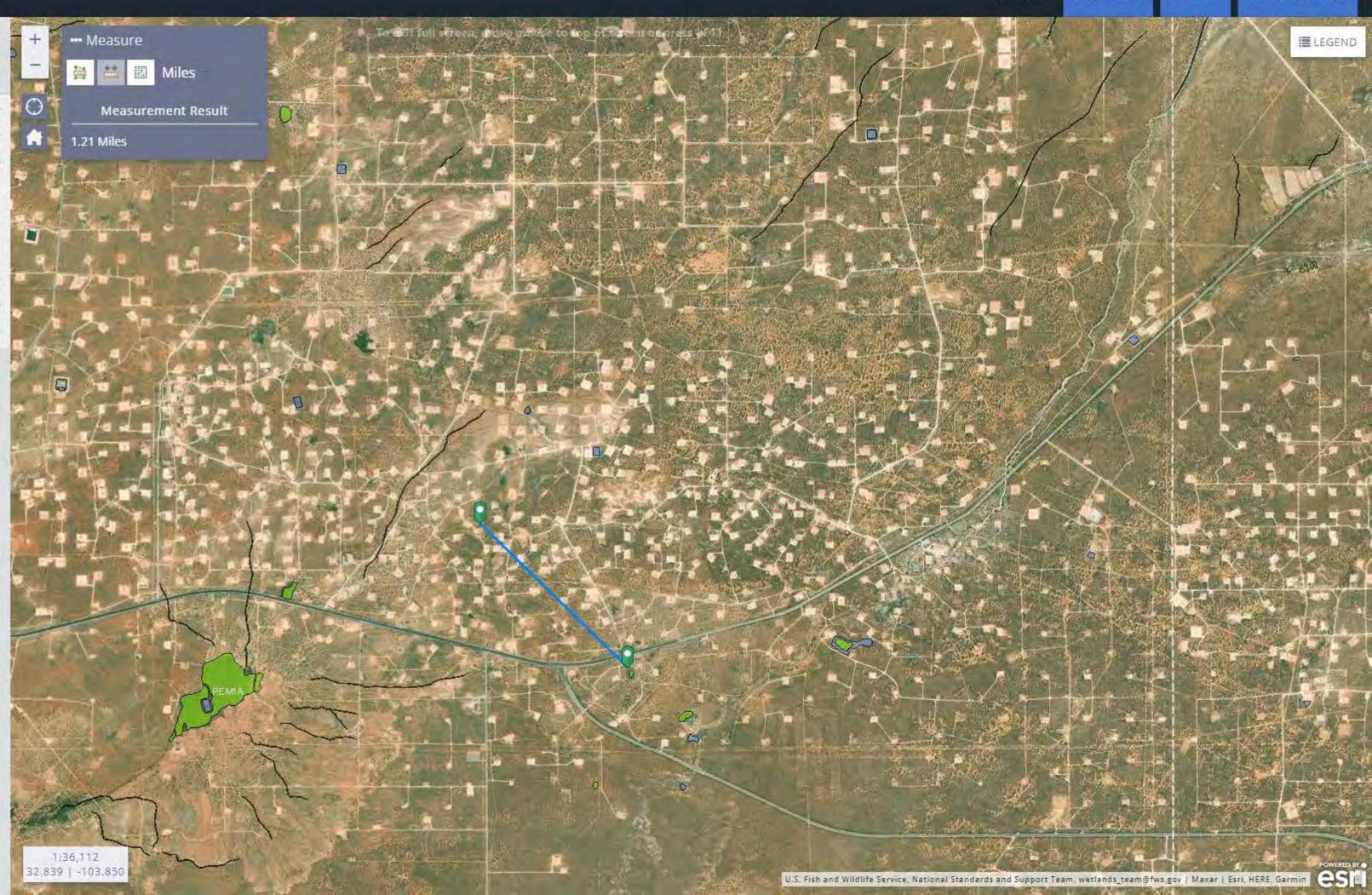
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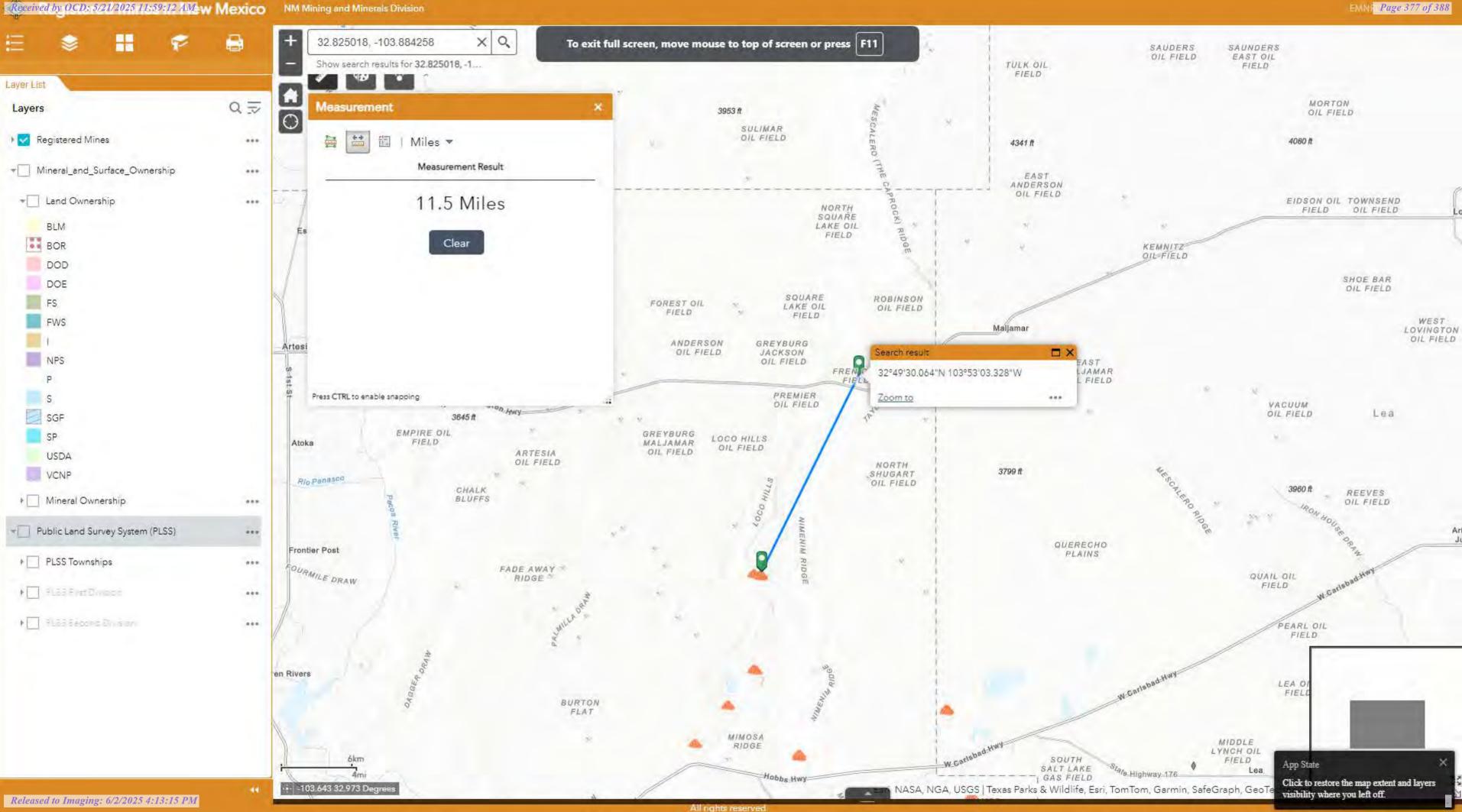


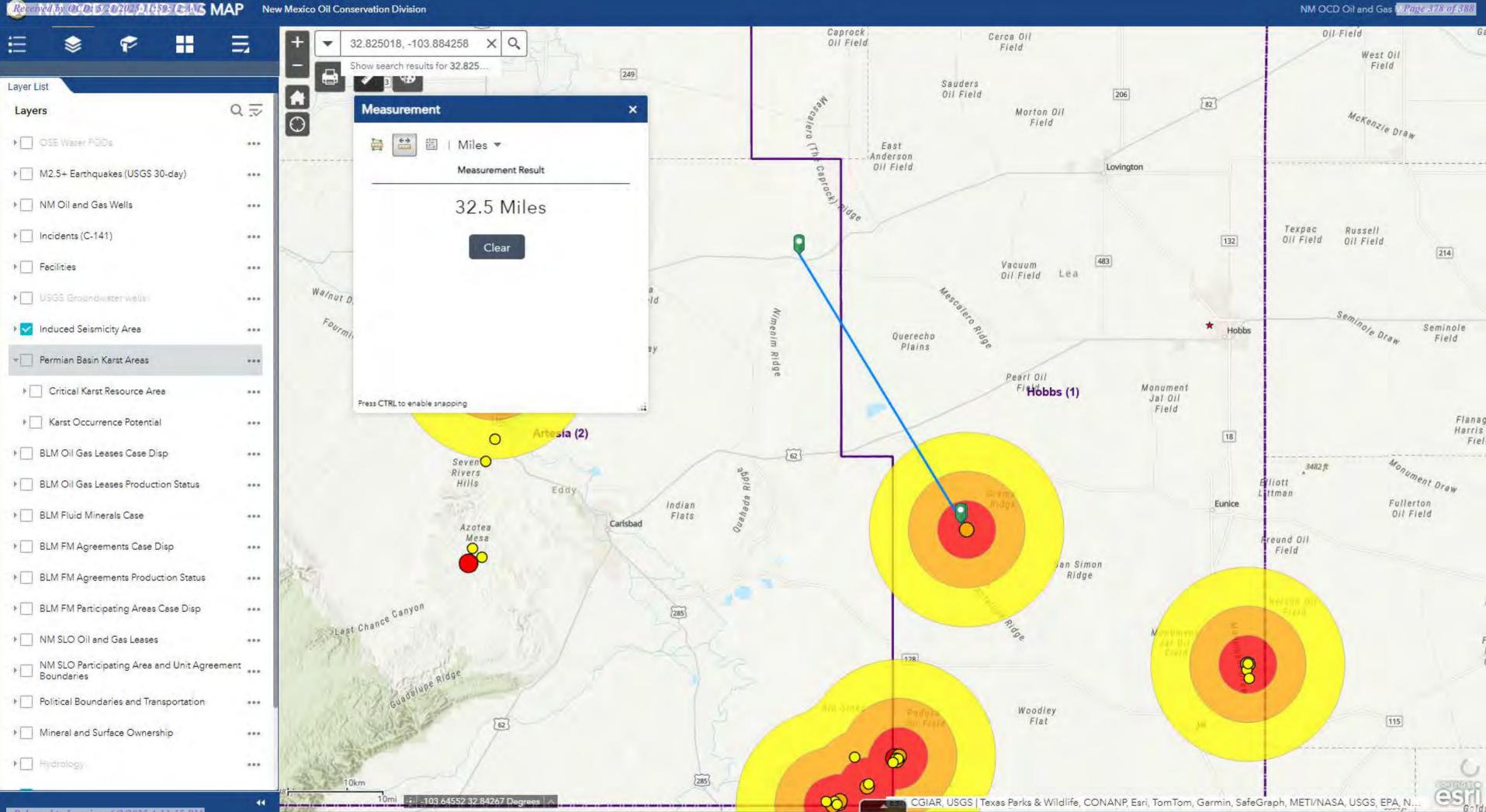
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O Image Scale	
O Image Year	
C Areas of Interest	0
D FWS Managed Lands	00
Historic Wetland Data	00



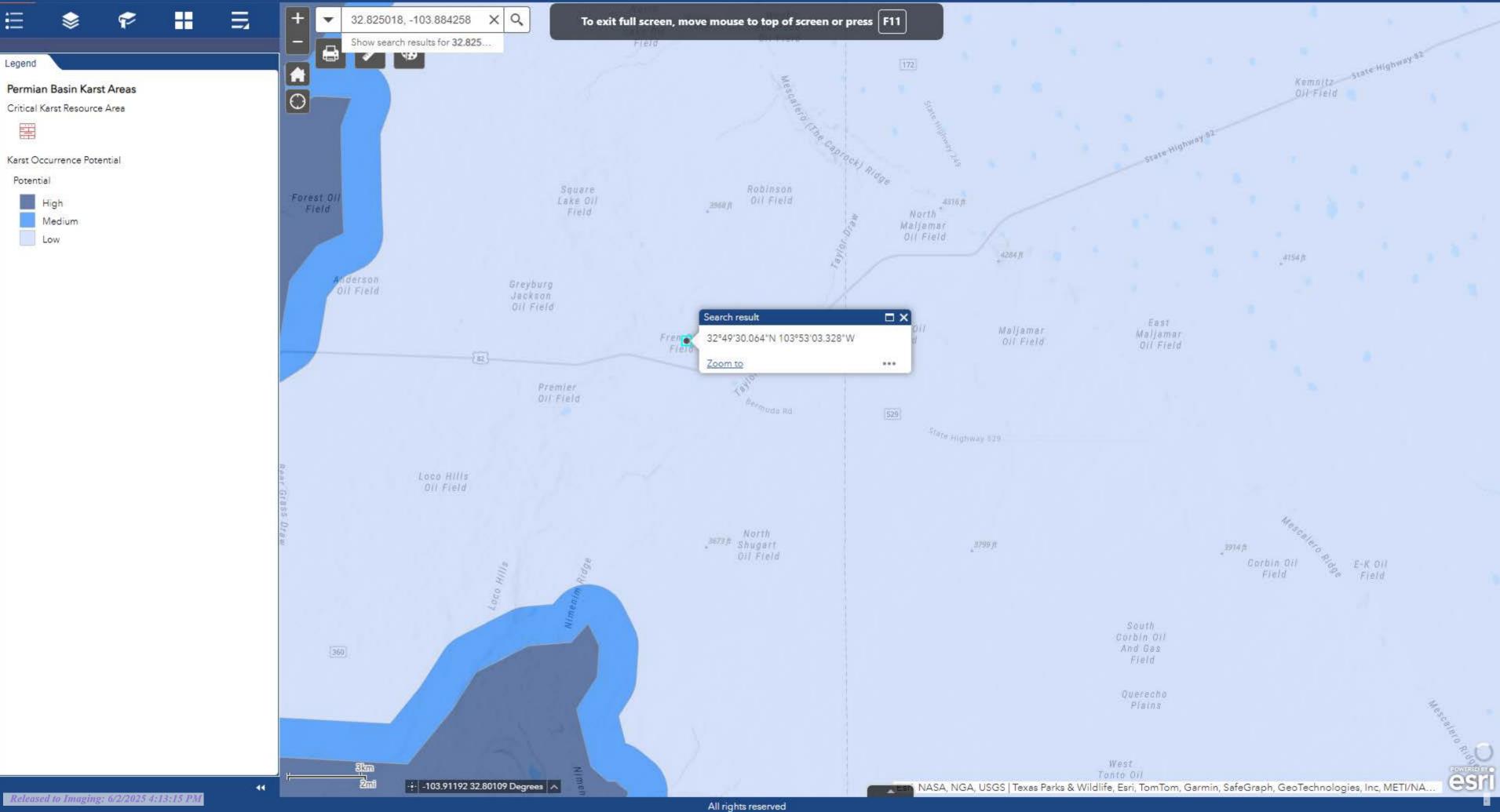
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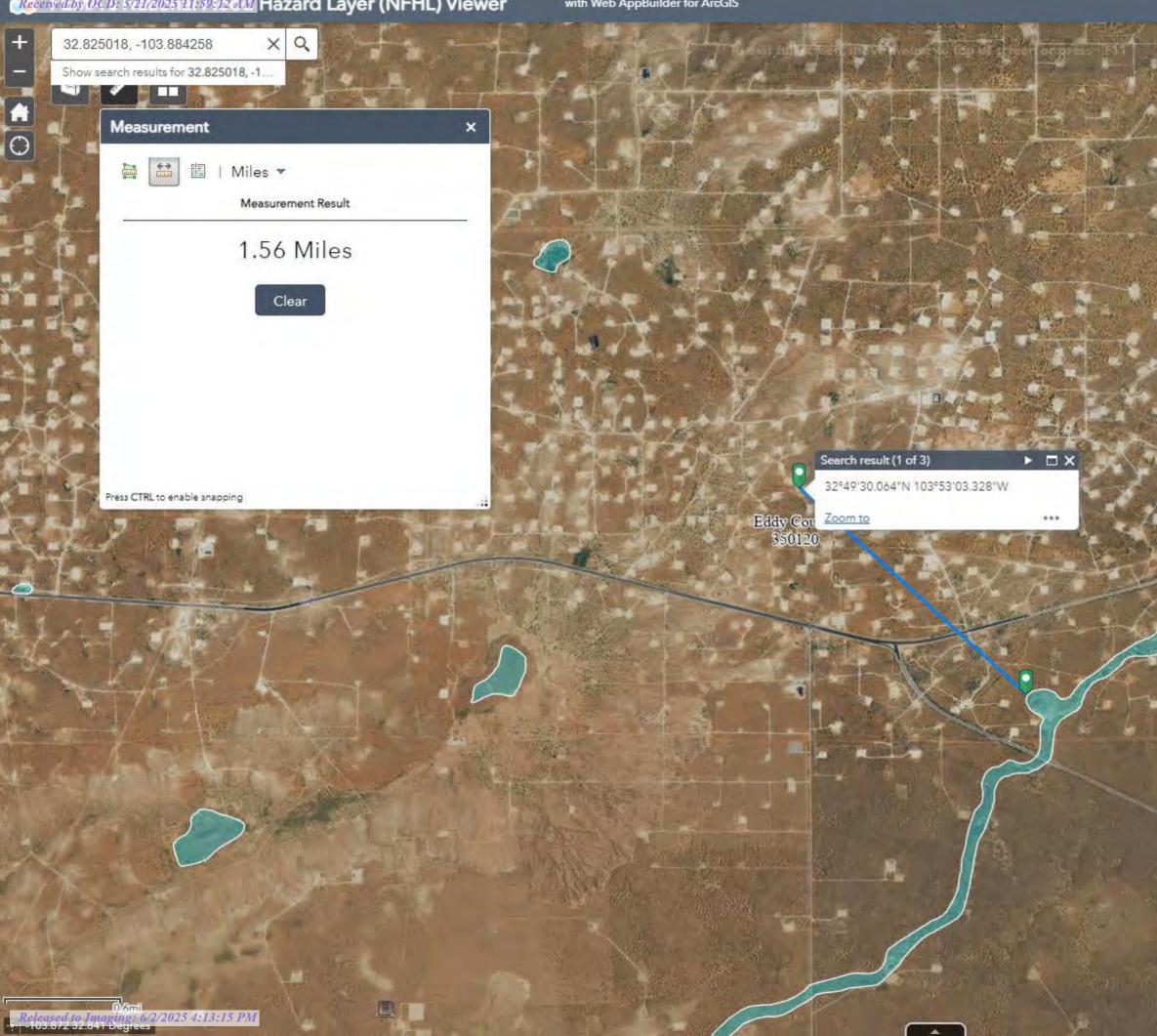


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# Received by OCD: 5/21/2125 11 59:12 and Hazard Layer (NFHL) Viewer

with Web AppBuilder for ArcGIS



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Layer	List 🔷		×	
Laye	ers C	2		
	Effective FIRM Panels		•••	
•	NFHL		•••	
	Coastal Barrier Resources System Area (US FWS	5)	•••	
	NFHLREST_FIRMette - Study_Info		•••	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

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QUESTIONS

Action 465770

QUESTIONS	
Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	465770
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2315139771
Incident Name	NAPP2315139771 RISER 70 MAIN LINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

#### Location of Release Source

Please answer all the questions in this group.	
Site Name	RISER 70 MAIN LINE
Date Release Discovered	05/30/2023
Surface Owner	Federal

#### Incident Details

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

#### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion   Pipeline (Any)   Produced Water   Released: 75 BBL   Recovered: 35 BBL   Lost: 40 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	CORRSION OF THE 10" STEEL PIPE BODY CAUSED A RELEASE OF PRODUCED WATER INTO THE PASTURE

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

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QUESTIONS, Page 2

Action 465770

QUESTIONS (continued)	
Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	465770
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	N/A	
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 05/21/2025	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

**QUESTIONS** (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	465770
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release an	d the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

#### Remediation Plan

appropriate district office no later than 90 days after the release discovery date.
Yes
sociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Yes
No
rams per kilograms.)
13600
1020
788
0
0
forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
07/14/2023
03/07/2025
10/18/2024
32000
4660
32000
4660
me of submission and may (be) change(d) over time as more remediation efforts are completed.

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

Action 465770

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

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QUESTIONS, Page 4

Action 465770

QUESTIONS (continued)		
Operator:	OGRID:	
Spur Energy Partners LLC	328947	
9655 Katy Freeway	Action Number:	
Houston, TX 77024	465770	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

#### QUESTIONS

Remediation Plan (continued)

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the		
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]	
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.	
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.	
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process) Not answered.		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efi which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com	

Date: 05/21/2025

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

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

QUESTIONS, Page 5

Action 465770

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 QUESTIONS (continued)

 Operator:
 Spur Energy Partners LLC
 328947

 9655 Katy Freeway
 Action Number:
 465770

 Houston, TX 77024
 Action Type:
 [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

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Action 465770

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**QUESTIONS** (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	465770
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	438844
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/07/2025
What was the (estimated) number of samples that were to be gathered	8
What was the sampling surface area in square feet	800

#### Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all r	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	32000
What was the total volume (cubic yards) remediated	4600
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	32000
What was the total volume (in cubic yards) reclaimed	4600
Summarize any additional remediation activities not included by answers (above)	Contaminated soils within the inferred release area where removed in accordance with the NMOCD standards
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator

I hereby agree and sign off to the above statement	Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 05/21/2025
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QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	465770
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
OUESTIONS	

#### QUESTIONS

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

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Action 465770

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

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	465770
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### CONDITIONS

Created By		Condition Date
scwells	None	6/2/2025

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