

Incident ID	nAPP2218631423
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	> <u>102</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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

Printed Name: Katherine Purvis Title: EHS Coordinator

Signature: *Katherine Purvis* Date: 09/18/2023

email: katherine.purvis@spurenergy.com Telephone: (575) 441-8619

OCD Only

Received by: _____ Date: _____

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Closure

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

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

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

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

Printed Name: Katherine Purvis Title: EHS Coordinator

Signature: Katherine Purvis Date: 09/18/2023

email: katherine.purvis@spurenergy.com Telephone: (575) 441-8619

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Scott Rodgers Date: 01/30/2024

Printed Name: Scott Rodgers Title: Environmental Specialist Adv.

Remediation Summary and Soil Closure Request

Spur Energy Partners, LLC

Riser 70 Pipe 03

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. nAPP2218631423

Prepared By:

Etech Environmental & Safety Solutions, Inc.

2617 W. Marland

Hobbs, New Mexico 88240



Zach Conder



Matthew Grieco



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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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 Pipe 03 (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source				
Latitude:	32.825018	Longitude:	-103.884258	
Provided GPS are in WGS84 format.				
Site Name:	Riser 70 Pipe 03	Site Type:	Pipeline	
Date Release Discovered:	7/3/2022	API # (if applicable):	N/A	
Unit Letter	Section	Township	Range	County
A	20	17S	31E	Eddy
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Private (Name _____)				
Nature and Volume of Release				
<input type="checkbox"/>	Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)	
<input checked="" type="checkbox"/>	Produced Water	49	25	
		Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/>	Condensate	Volume Released (bbls)	Volume Recovered (bbls)	
<input type="checkbox"/>	Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)	
<input type="checkbox"/>	Other (describe)	Volume/Weight Released	Volume/Weight Recovered	
Cause of Release: Corrosion in injection line.				
Initial Response				
<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.				

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

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the 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.

	>102 Feet	
What is the shallowest depth to groundwater beneath the area affected by the release?		
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production or storage site?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1, 2, 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*‡
>102 Feet	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
	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.

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 Pipe 03 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

Figure 2

Aerial Proximity Map

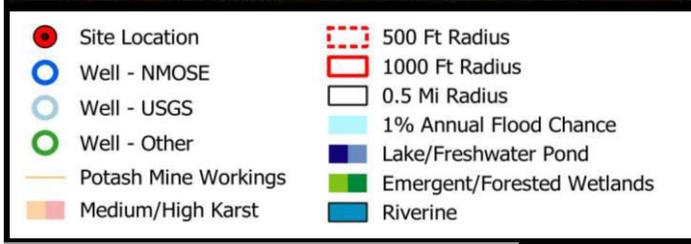
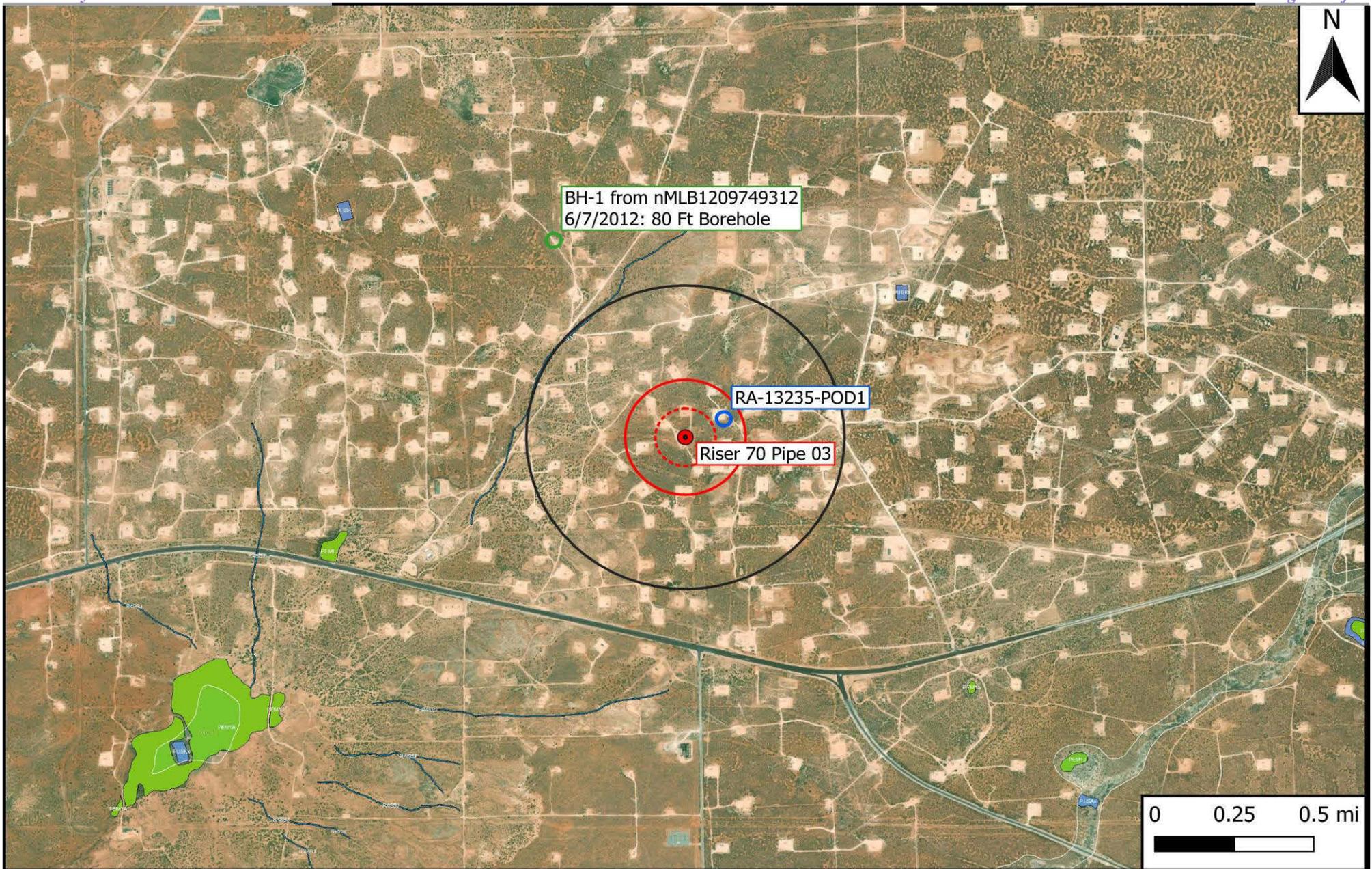


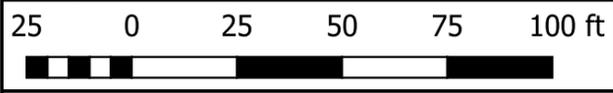
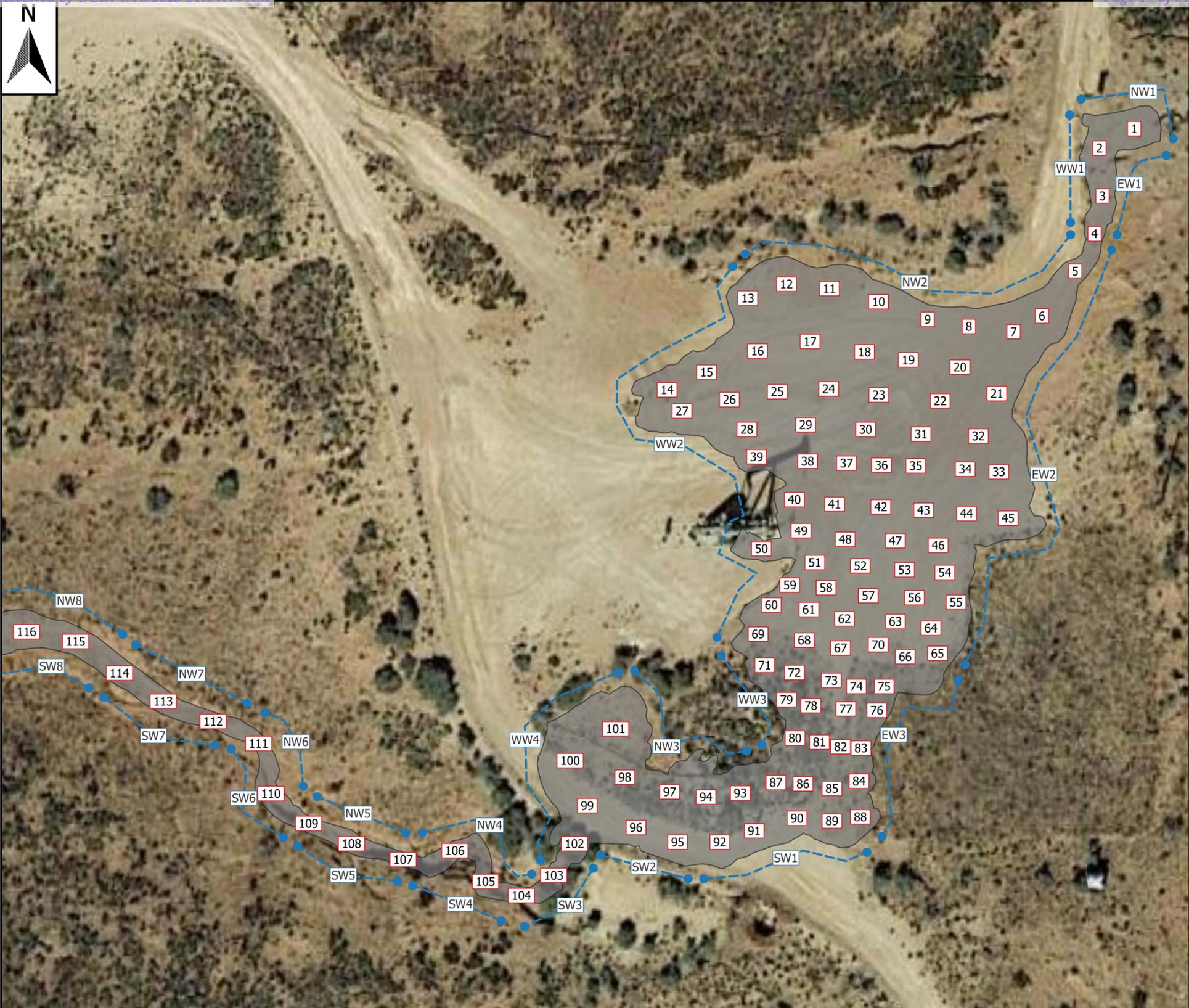
Figure 2
 Aerial Proximity Map
 Spur Energy Partners, LLC
 Riser 70 Pipe 03
 GPS: 32.825018, -103.884258
 Eddy County

eTECH 
 Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 5/25/23

Figure 3

Site and Sample Location Map



Legend

- Floor Sample
- Wall Sample
- Excavation

Figure 3
 Site and Sample Location Map
 Spur Energy Partners, LLC
 Riser 70 Pipe 03
 GPS: 32.825018, -103.884258
 Eddy County, NM

ETECH
 Environmental & Safety Solutions, Inc.
 Drafted: MAG | Checked: JWL | Date: 8/29/2023

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

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Spur Energy Partners, LLC
Riser 70 Pipe 03
NMOCD Ref. #: nAPP2218631423

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	20,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
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'	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'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,330
FL 15 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,700
FL 16 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400
FL 17 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	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 20 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,700
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	10,900
FL 24 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	23.0	23.0	<10.0	23.0	10,400
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	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,240
FL 34 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<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

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
Spur Energy Partners, LLC
Riser 70 Pipe 03
NMOCD Ref. #: nAPP2218631423

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	20,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
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	1	In-Situ	<0.050	<0.300	<10.0	16.2	16.2	<10.0	16.2	8,400
FL 57 @ 1'	7/19/2023	1	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'	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'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL 67 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL 68 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,060
FL 69 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL 70 @ 1'	7/19/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
FL 71 @ 1'	7/19/2023	1	Excavated	<0.050	<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 72A @ 4FT	7/25/2023	4	In-Situ	<0.050	<0.300	<10.0	27.6	27.6	22.4	50.0	4,930
FL 73 @ 4FT	7/25/2023	4	In-Situ	<0.050	<0.300	<10.0	34.3	34.3	17.8	52.1	2,280
FL 74 @ 4FT	7/25/2023	4	In-Situ	<0.050	<0.300	<10.0	14.3	14.3	<10.0	14.3	2,360
FL 75 @ 4FT	7/25/2023	4	In-Situ	<0.050	<0.300	13.4	672	685	189	874	7,600
FL 76 @ 4FT	7/25/2023	4	In-Situ	<0.050	<0.300	14.7	773	788	232	1,020	8,200
FL 77 @ 4FT	7/25/2023	4	In-Situ	<0.050	<0.300	<10.0	333	333	108	441	5,680
FL 78 @ 4FT	7/25/2023	4	In-Situ	<0.050	<0.300	<10.0	13.4	13.4	<10.0	13.4	5,040
FL 79 @ 4FT	7/25/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,360
FL 80 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600

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
Spur Energy Partners, LLC
Riser 70 Pipe 03
NMOCD Ref. #: nAPP2218631423

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	20,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 81 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
FL 82 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	78.4	78.4	21.5	99.9	2,760
FL 83 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	225	225	63.8	289	9,300
FL 84 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	89.6	89.6	32.2	122	6,960
FL 85 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	104	104	33.5	138	5,440
FL 86 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
FL 87 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,680
FL 88 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
FL 89 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
FL 90 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,040
FL 91 @ 4FT	7/26/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,800
FL 92 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120
FL 93 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL 94 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,480
FL 95 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
FL 96 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,490
FL 97 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 98 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 99 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,760
FL 100 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 101 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120
FL 102 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 103 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,630
FL 104 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,640
FL 105 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,200
FL 106 @ 4FT	7/27/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
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	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL #109 @ 4FT	7/28/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
FL #110 @ 4FT	7/28/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
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
FL #112 @ 4FT	7/28/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
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
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	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	2,880
FL #117 @ 4FT	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	1,060
FL #118 @ 4FT	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	1,100
FL #119 @ 4FT	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL #120 @ 4FT	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	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	672

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
Spur Energy Partners, LLC
Riser 70 Pipe 03
NMOCD Ref. #: nAPP2218631423

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	20,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL #122 @ 4FT	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	1,800
FL #123 @ 4FT	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	976
FL #124 @ 4FT	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	880
FL #125 @ 4FT	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	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	29.0	29.0	36.8	65.8	592
FL #127 @ 4FT	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL #128 @ 4FT	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	672
FL #129 @ 4FT	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL #130 @ 4FT	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	7/31/2023	4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL #132 @ 4FT	8/1/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
FL #133 @ 4FT	8/1/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL #134 @ 4FT	8/1/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	752
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	8/1/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000
FL #137 @ 4FT	8/1/2023	4	In-Situ	<0.050	<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	<0.050	<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	<0.050	<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
FL #155 @ 4FT	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	8/2/2023	4	In-Situ	<0.050	<0.300	<10.0	26.9	26.9	16.0	42.9	384
FL #157 @ 4FT	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	8/2/2023	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
EW #3	7/25/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NW 1	7/19/2023	0-4	In-Situ	<0.050	<0.300	<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
Concentrations of BTEX, TPH, and Chloride in Soil
Spur Energy Partners, LLC
Riser 70 Pipe 03
NMOCD Ref. #: nAPP2218631423

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	20,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
NW 2	7/19/2023	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,730
NW #3	7/27/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
NW #4	7/27/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW #5	7/26/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
NW #6	7/28/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW #7	7/28/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
NW #8	7/31/2023	0-4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW #9	7/31/2023	0-4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW #10	7/31/2023	0-4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW #11	7/31/2023	0-4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	448
NW #12	7/31/2023	0-4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW #13	7/31/2023	0-4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	128
NW #14	8/1/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW #15	8/1/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW #16	8/1/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
NW #17	8/1/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW #18	8/1/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW #19	8/1/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW #20	8/1/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW #21	8/2/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW #22	8/2/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW #23	8/2/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW #24	8/2/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 25	8/2/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
SW #1	7/26/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW #2	7/27/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW #3	7/27/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
SW #4	7/27/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SW #5	7/27/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SW #6	7/28/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
SW #7	7/28/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
SW #8	7/31/2023	0-4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW #9	7/31/2023	0-4	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
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

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
Spur Energy Partners, LLC
Riser 70 Pipe 03
NMOCD Ref. #: nAPP2218631423

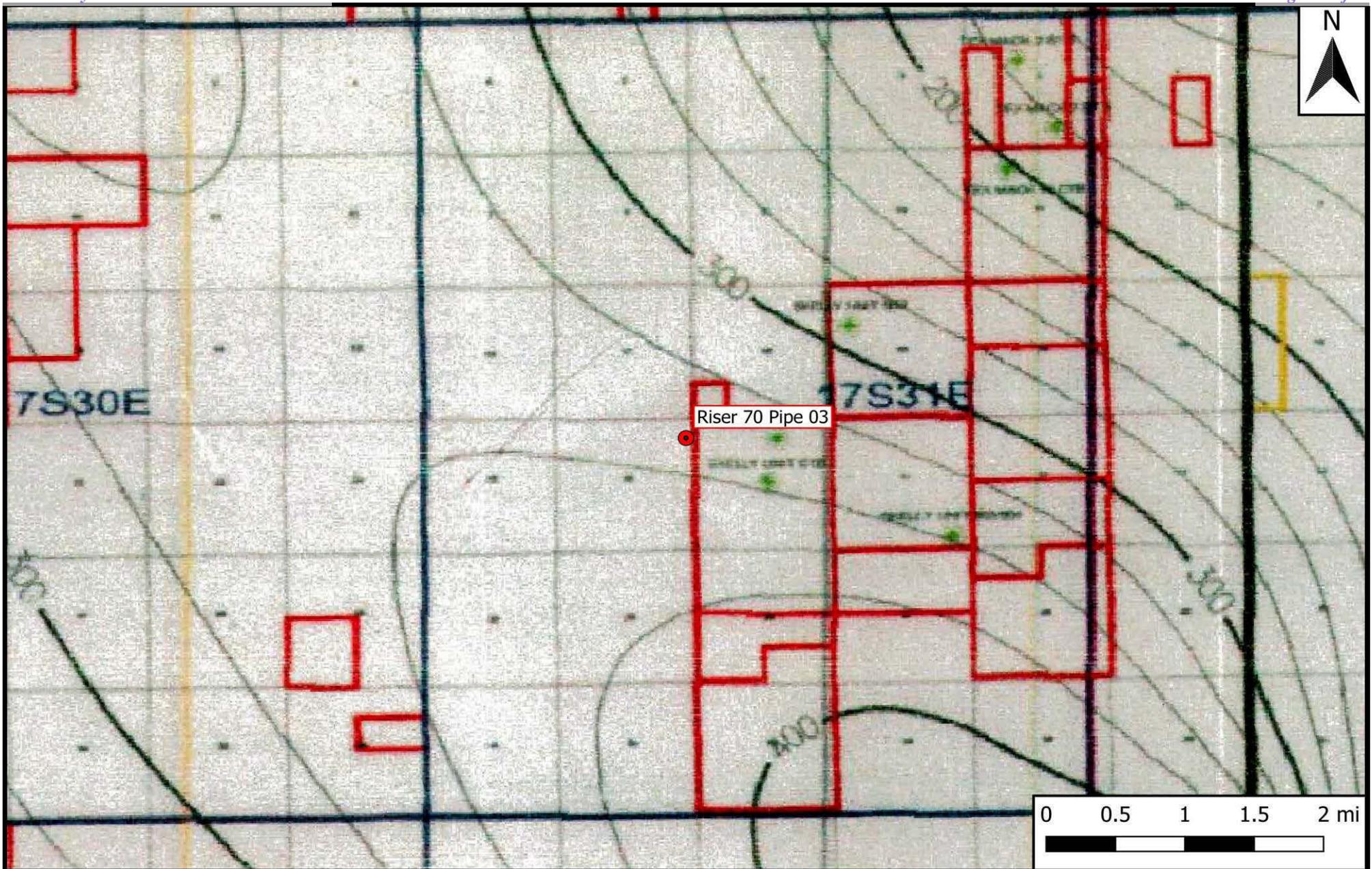
NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	20,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
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

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

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

Appendix A

Depth to Groundwater Information



Legend

- Site Location

Figure 4
 Inferred Depth to Groundwater Trend Map
 Spur Energy Partners, LLC
 Riser 70 Pipe 03
 GPS: 32.825018, -103.884258
 Eddy County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 5/25/23



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

POD Number	Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tw	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA 13235 POD1		RA	ED	1	1	1	21	17S	31E	604631	3632537	217	102		

Average Depth to Water: --
Minimum Depth: --
Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 604435.97 **Northing (Y):** 3632439.95 **Radius:** 804.67

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 9:17 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	RA 13235 POD1	1	1	1	21	17S	31E	604631	3632537

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE D ATKINS

Drill Start Date: 10/08/2022 **Drill Finish Date:** 10/09/2022 **Plug Date:**

Log File Date: 11/04/2022 **PCW Rev Date:** **Source:**

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

Casing Size: **Depth Well:** 102 feet **Depth Water:**

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

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-1		WELL TAG ID NO. n/a		OSE FILE NO(S). RA-13235	
	WELL OWNER NAME(S) Spur Energy Partners LLC				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 919 Milam St Ste 2475				CITY Houston	STATE ZIP TX 77002
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 49	SECONDS 33.16	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE		N	* DATUM REQUIRED: WGS 84	
	LONGITUDE	103	52	55.80	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Nw NW NW Sec. 21 T17S R31E, NMPM						

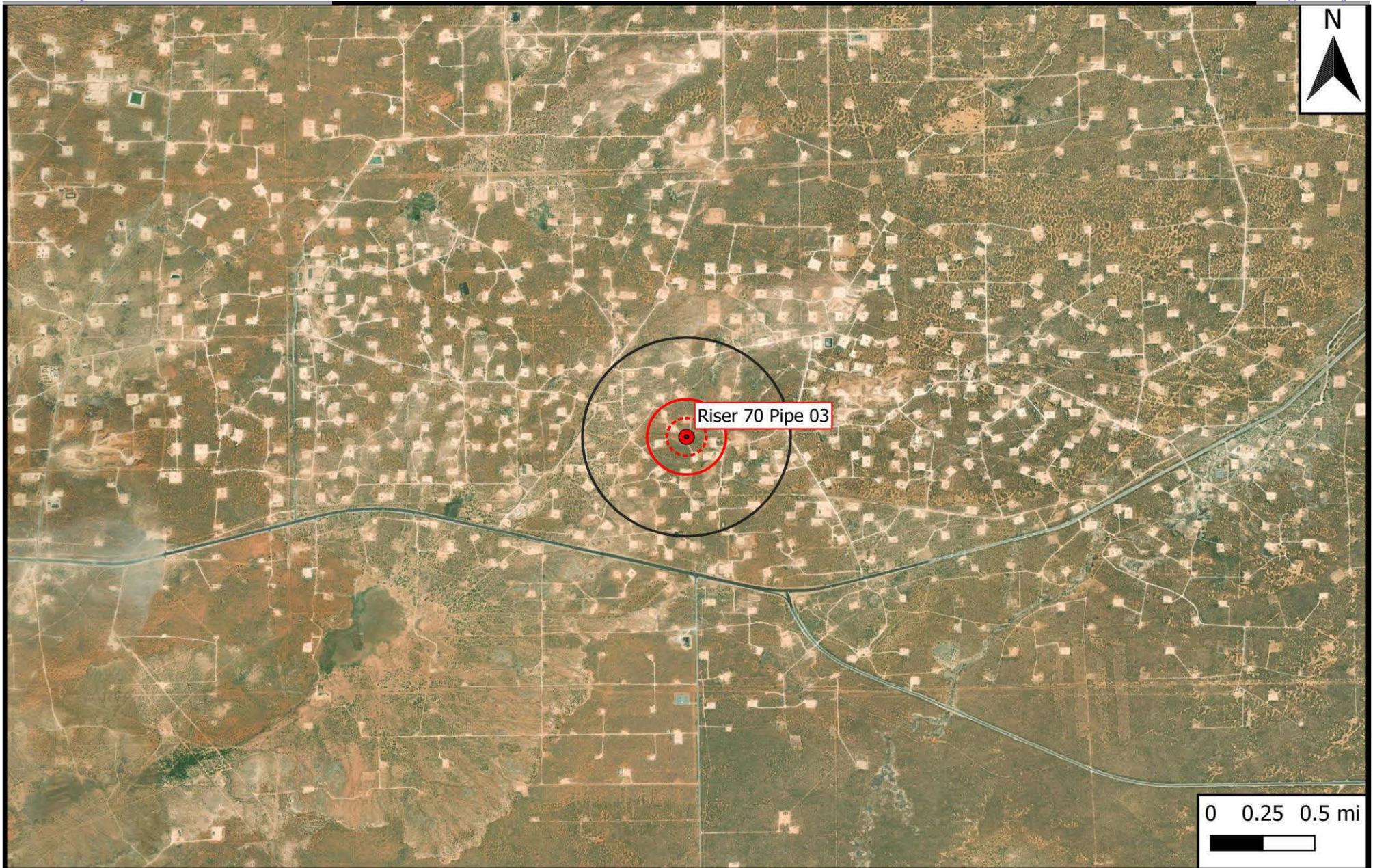
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 10/8/2022	DRILLING ENDED 10/9/2022	DEPTH OF COMPLETED WELL (FT) 102	BORE HOLE DEPTH (FT) ±102	DEPTH WATER FIRST ENCOUNTERED (FT) n/a			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a	DATE STATIC MEASURED 10/31/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	102	±6.5	Soil Boring	--	--	--	--

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. RA-13235	POD NO. 1	TRN NO. 733608
LOCATION 21.175.31E 111	WELL TAG ID NO. NA	PAGE 1 OF 2



- Legend
- Site Location
 - Well - USGS
 - ⊞ 500 Ft Radius
 - ⊞ 1000 Ft Radius
 - 0.5 Mi Radius

Figure 5
USGS Well Proximity Map
Spur Energy Partners, LLC
Riser 70 Pipe 03
GPS: 32.825018, -103.884258
Eddy County



Drafted: mag Checked: jwl Date: 5/25/23

Appendix B Field Data



Sample Log

Date: _____

Project: Riser 70 Pipe 03

Project Number: 18238 Latitude: 32.825018 Longitude: -103.884258

Sample ID	PID/Odor	Chloride Conc.	GPS
WH1 @ Surface	-	2.8 324 *	
WH1 @ 1'	-	1.6 124 *	
V1 @ Surface		2.8 H.S. 10,240 24,664 *	
V1 @ 1'		7.2 H.S. 10,340	
V2 @ Surface		5.8 1208 *	
V2 @ 1'		7.0 1820	
V3 @ Surface		5.8 H.S. 5724 A	
V3 @ 1'		4.4 716	
V4 @ Surface		3.0 764 +	
V4 @ 1'		7.2 H.S. 10,340	
V1 @ 2'		4.2 H.S. 2992	
V2 @ 2'		7.0 H.S. 9452	
V3 @ 2'		6.8 H.S. 8664	
V4 @ 2'		4.6 H.S. 3532	
V1 @ 3'		3.0 364 *	
V2 @ 3'		7.2 H.S. 10340	
V3 @ 3'		5.8 1208	
V4 @ 3'		3.0 364 *	
V2 @ 4.5'	-	7.6 H.S. 12476	
V3 @ 4.5'	-	5.0 H.S. 4152	
FL1 @ 4'			
FL2 @ 4'		4.6	
FL3 @ 4'			
NW1			
EW1			
NW1			
FL4 @ 1'	-	7.0 H.S. 9216	
FL5 @ 1'	-	6.8 H.S. 8448	
FL6 @ 1'	-	7.4 H.S. 10,988	
FL7 @ 1'	-	6.4 H.S.	
FL8 @ 1'	-	6.2 H.S.	
FL9 @ 1'	-	7.0 H.S.	
FL10 @ 1'	-	6.8 H.S.	
FL11 @ 1'	-	7.0	
FL12 @ 1'	-		
FL13 @ 1'	-		

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: Riser 70 Pipe 03

Project Number: 18238 Latitude: 32.825018 Longitude: -103.884258

Sample ID	PID/Odor	Chloride Conc.	GPS
WW#3.	-	6204	
ww#3.	-	2080	
FL# 71 @ 4ft	-	6204	
FL# 72 @ 4ft	-	4872	
FL# 73 @ 4ft	-	2752	
EW#3.	-	2580	
ww#3.	-	904	
ww#3.	-	1292	
EW#3.	-	972	
ww#3.	-	1816	
EW#3.	-	192	
WW#3.	-	2512	
ww#3.	-	1744	
ww#3.	-	285	
FL# 74 @ 4ft	-	4872	
FL# 75 @ 4ft	-	5724	
FL# 76 @ 4ft	-	7312	
FL# 77 @ 4ft	-	4152	
FL# 78 @ 4ft	-	6204	
FL# 79 @ 4ft	-	4872	
FL# 80 @ 4ft	-	2308	
FL# 81 @ 4ft	-	4500	
FL# 82 @ 4ft	-	2752	
FL# 83 @ 4ft	-	10340	
FL# 84 @ 4ft	-	604	
FL# 85 @ 4ft	-	4764	
FL# 86 @ 4ft	-	2144	
FL# 87 @ 4ft	-	3180	
FL# 88 @ 4ft	-	2684	
FL# 89 @ 4ft	-	1696	
FL# 90 @ 4ft	-	3180	
FL# 91 @ 4ft	-	2684	
NW#2.	-	1872	
FL# 92 @ 4ft	-	3452	
FL# 93 @ 4ft	-	2924	
FL# 94 @ 4ft	-	4060	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas

3



Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL # 95 @ 4ft	-	1872	
FL # 96 @ 4ft	-	2884	
FL # 97 @ 4ft	-	1092	
FL # 98 @ 4ft	-	216	
FL # 99 @ 4ft	-	5,592	
FL # 100 @ 4ft	-	1352	
FL # 101 @ 4ft	-	4,764	
SW # 2	-	220	
WW # 4	-	216	
SW # 3	-	356	
NW # 3	-	736	
FL # 102 @ 4ft	-	215	
FL # 103 @ 4ft	-	1744	
NW # 3	-	892	
SW # 4	-	892	
NW # 3	-	356	
SW # 4	-	356	
FL # 104 @ 4ft	-	2512	
NW # 4	-	1588	
NW # 4	-	ND	
FL # 105 @ 4ft	-	1588	
FL # 106 @ 4ft	-	576	
FL # 107 @ 4ft	-	356	
NW # 5	-	2,328	
SW # 5	-	192	
NW # 5	-	136	
SW # 6	-	428	
NW # 6	-	2,518	
FL # 108	-	680	
FL # 109	-	996	
FL # 110	-	3,452	
FL # 111	-	2,512	
FL # 112	-	284	
FL # 113	-	1,628	
NW # 6	-	164	
SW # 7	-	2,548	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
NW#7.	-	380	
SW#7.	-	880	
SW#7.	-	380	
SW#8.	-	ND	
NW#8.	-	ND	
SW#9.	-	ND	
NW#9.	-	184	
SW#10.	-	452	
NW#10.	-	ND	
SW#11.	-	184	
NW#11.	-	364	
FL#114 @ 4 Ft	-	2080	
FL #115 @ 4 Ft	-	1588	
FL #116 @ 4 Ft	-	2588	
FL #117 @ 4 Ft	-	1128	
FL #118 @ 4 Ft	-	1296	
FL #119 @ 4 Ft	-	716	
FL #120 @ 4 Ft	-	4060	
FL #121 @ 4 Ft	-	656	
FL #122 @ 4 Ft	-	1820	
FL #123 @ 4 Ft	-	1296	
FL #124 @ 4 Ft	-	1052	
FL #125 @ 4 Ft	-	1296	
FL #126 @ 4 Ft	-	604	
SW#12.	-	364	
NW#12.	-	ND	
FL #127 @ 4 Ft	-	248	
FL #128 @ 4 Ft	-	776	
FL #129 @ 4 Ft	-	364	
SW#13	-	ND	
NW#13	-	124	
FL#130 @ 4 Ft	-	ND	
FL#131 @ 4 Ft	-	364	
SW#14	-	ND	
NW#14	-	ND	
FL#132 @ 4 Ft	-	1104	

FL # Sample Point = SP #1 @ ## etc
 @ 4 Ft Floor = FL #1 etc
 Sidewall = SW #1 etc

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

Resamples = SP #1 @ 5b or SW #1b
 Stockpile = Stockpile #1
 GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: _____
 Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL# 134 @ 4F+	-	880	
SW# 15	-	ND	
NW# 15	-	ND	
FL# 135 @ 4F	-	952	
FL# 136 @ 4F	-	4060	
NW# 16	-	200	
SW# 16	-	300	
FL# 137 @ 4F	-	1028	
FL# 138 @ 4F	-	1364	
SW# 17	-	576	
NW# 17	-	ND	
<hr/>			
FL# 139 @ 4 F	-	1744	
FL# 140 @ 4 F	-	860	
SW# 18	-	200	
NW# 18	-	ND	
FL# 141 @ 4 F	-	1232	
FL# 142 @ 4 F	-	1232	
SW# 19	-	ND	
NW# 19	-	ND	
FL# 143 @ 4 F	-	680	
FL# 144 @ 4 F	-	356	
FL# 145 @ 4 F	-	924	
SW# 20	-	ND	
NW# 20	-	ND	
FL# 146 @ 4 F	-	860	
FL# 147 @ 4 F	-	436	
SW# 21	-	ND	
NW# 21	-	576	
FL# 148 @ 4 F	-	356	
FL# 149 @ 4 F	-	576	
SW# 22	-	ND	
NW# 22	-	ND	
FL# 150 @ 4 F	-	ND	
FL# 151 @ 4 F	-	576	
SW# 23	-	ND	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas

Appendix C

Laboratory Analytical Reports



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 3 @ 4' (H233776-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 4 @ 1' (H233776-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7400	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 5 @ 1' (H233776-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9860	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 6 @ 1' (H233776-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9860	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 7 @ 1' (H233776-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8130	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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		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) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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 9 @ 1' (H233776-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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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 10 @ 1' (H233776-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7460	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
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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		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) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5460	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
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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		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) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7730	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 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		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) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5060	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 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		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) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5330	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.6 % 49.1-148

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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 15 @ 1' (H233776-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 56.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.0 % 49.1-148

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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 17 @ 1' (H233776-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 57.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 49.1-148

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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 18 @ 1' (H233776-18)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5300	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.8 % 49.1-148

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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		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) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5900	16.0	07/25/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 ZACH CONDER
 2617 W MARLAND
 HOBBS NM, 88240
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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		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) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5700	16.0	07/25/2023	ND	416	104	400	3.77	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 49.1-148

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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		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) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5700	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 57.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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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 22 @ 1' (H233776-22)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 62.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 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		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) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10900	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 61.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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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 24 @ 1' (H233776-24)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10400	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.6 % 49.1-148

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

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		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) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10900	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 57.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.3 % 49.1-148

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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 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 49.1-148

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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 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 28 @ 1' (H233776-28)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	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 61.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 49.1-148

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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 29 @ 1' (H233776-29)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	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 59.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 30 @ 1' (H233776-30)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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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 31 @ 1' (H233776-31)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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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 32 @ 1' (H233776-32)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		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) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	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 59.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 34 @ 1' (H233776-34)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	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	07/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 35 @ 1' (H233776-35)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	07/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		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) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	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	07/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 37 @ 1' (H233776-37)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	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	07/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		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) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	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	07/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 39 @ 1' (H233776-39)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	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	07/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 40 @ 1' (H233776-40)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	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	07/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	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	07/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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 42 @ 1' (H233776-42)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	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	07/21/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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 43 @ 1' (H233776-43)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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 44 @ 1' (H233776-44)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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 47 @ 1' (H233776-47)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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 48 @ 1' (H233776-48)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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 51 @ 1' (H233776-51)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8960	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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 52 @ 1' (H233776-52)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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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 53 @ 1' (H233776-53)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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 55 @ 1' (H233776-55)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12900	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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 56 @ 1' (H233776-56)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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 58 @ 1' (H233776-58)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8660	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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 59 @ 1' (H233776-59)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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 60 @ 1' (H233776-60)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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 61 @ 1' (H233776-61)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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 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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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 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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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 68 @ 1' (H233776-68)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2023	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7060	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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 2617 W MARLAND
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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6530	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5730	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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 2617 W MARLAND
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 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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/24/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8930	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	07/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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
Project Manager: Zach Conder
Address: 3100 Plains Hwy
City: Lovington State: NM Zip: 88260
Phone #: 575-396-2378 Fax #: 575-396-1429
Project #: 18238 Project Owner: Spur Energy Partners, LLC
Project Name: Riser 70 Main Line
Project Location: UL/ A Sec 20 T17S - R31E
Sampler Name: Miguel R.

BILL TO
P.O. #:
Company: Spur Energy Partners, LLC
Attn: Kathy Purvis
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST table with columns for Chloride, TPH, BTEX 8021 and multiple empty columns for sample analysis.

Main data table with columns: Lab I.D., Sample I.D., (GRAB OR (C)OMP. # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE / COOL, OTHER), SAMPLING (DATE, TIME), Chloride, TPH, BTEX 8021.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Relinquished By: [Signature] Date: 7-20-23 Time: 0905
Received By: [Signature] Date: [Blank] Time: [Blank]
Delivered By: (Circle One) Sampler - UPS - Bus - Other: - 1.6c #140
Sample Condition Cool Intact [Checked] Yes [Checked] Yes [Checked] No [Checked] No
CHECKED BY: (Initials) [Signature]
REMARKS: Email results to zach@etechenv.com
RUSH

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



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
Project Manager: Zach Conder
Address: 3100 Plains Hwy
City: Lovington State: NM Zip: 88260
Phone #: 575-396-2378 Fax #: 575-396-1429
Project #: 18238 Project Owner: Spur Energy Partners, LLC
Project Name: Riser 70 Main Line
Project Location: UL/ A Sec 20 T17S - R31E
Sampler Name: Miguel R.

Table with columns: Lab I.D., Sample I.D., (G)RAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE/COOL, OTHER), SAMPLING (DATE, TIME), Chloride, TPH, BTEX 8021. Rows 11-20.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Relinquished By: [Signature] Date: 7-20-23
Received By: [Signature] Date: 7-20-23
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -1.6c #140
Sample Condition: Cool Intact [X] Yes [] No
CHECKED BY: [Signature]

Phone Result: [] Yes [] No Add'l Phone #:
Fax Result: [] Yes [] No Add'l Fax #:
REMARKS: Email results to zach@etechenv.com
RUSH



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
Project Manager: Zach Conder
Address: 3100 Plains Hwy
City: Lovington State: NM Zip: 88260
Phone #: 575-396-2378 Fax #: 575-396-1429
Project #: 18238 Project Owner: Spur Energy Partners, LLC
Project Name: Riser 70 Main Line
Project Location: UL/ A Sec 20 T17S - R31E
Sampler Name: Miguel R.

Table with columns: Lab I.D., Sample I.D., (GRAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE / COOL, OTHER), SAMPLING (DATE, TIME), Chloride, TPH, BTEX 8021.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Relinquished By: [Signature] Date: 7-20-23 Time: 10:05
Received By: [Signature] Date: [Blank] Time: [Blank]
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -1.6c #140
Sample Condition: Cool Intact [Checked] Yes [Checked] Yes
CHECKED BY: [Signature]

RUSH

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



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
Project Manager: Zach Conder
Address: 3100 Plains Hwy
City: Lovington State: NM Zip: 88260
Phone #: 575-396-2378 Fax #: 575-396-1429
Project #: 18238 Project Owner: Spur Energy Partners, LLC
Project Name: Riser 70 Main Line
Project Location: UL/ A Sec 20 T17S - R31E
Sampler Name: Miguel R.

Table with columns: Lab I.D., Sample I.D., (G/RAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV., SAMPLING (DATE, TIME), Chloride, TPH, BTEX 8021. Rows 41-50.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Relinquished By: [Signature] Date: 7-20-23 Time: 0905
Received By: [Signature] Date: [Blank] Time: [Blank]
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -1.6c #140
Sample Condition Cool Intact [Checked] Yes [] No []
CHECKED BY: [Signature]
REMARKS: Email results to zach@etechenv.com
RUSH

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



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
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Address: 3100 Plains Hwy
City: Lovington State: NM Zip: 88260
Phone #: 575-396-2378 Fax #: 575-396-1429
Project #: 18238 Project Owner: Spur Energy Partners, LLC
Project Name: Riser 70 Main Line
Project Location: UL/ A Sec 20 T17S - R31E
Sampler Name: Miguel R.

Table with columns: Lab I.D., Sample I.D., (G)RAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE / COOL, OTHER), SAMPLING (DATE, TIME), Chloride, TPH, BTEX 8021. Rows 57-60.

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Relinquished By: [Signature] Date: 7-20-23 Time: 0905
Received By: [Signature] Date: [Blank] Time: [Blank]
Delivered By: (Circle One) Sampler - UPS - Bus - Other: - 1.6c #140
Sample Condition: Cool Intact [X] Yes [] No
CHECKED BY: (Initials) [Signature]
REMARKS: Email results to zach@etechenv.com
RUSH



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		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) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4930	16.0	07/26/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		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) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	07/26/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		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) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	07/26/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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		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) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	07/26/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 149 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	07/26/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	07/26/2023	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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		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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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		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) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	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 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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 % 71.5-134

Chloride, SM4500CI-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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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 www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited 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. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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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.

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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: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To:	Reported: 06-Sep-23 15:41
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**FL 80 @ 4FT
H233935-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1600		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
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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	
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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	
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Surrogate: 1-Chlorooctadecane			130 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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**FL 81 @ 4FT
H233935-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	4640		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-CI-B	
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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)			99.7 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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			112 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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Surrogate: 1-Chlorooctadecane			123 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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**FL 82 @ 4FT
H233935-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	2760		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-CI-B	
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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	
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Petroleum Hydrocarbons by 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	
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Surrogate: 1-Chlorooctadecane			121 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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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: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To:	Reported: 06-Sep-23 15:41
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**FL 83 @ 4FT
H233935-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	9300		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
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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)			105 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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Petroleum Hydrocarbons by GC 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	
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Surrogate: 1-Chlorooctadecane			118 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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**FL 84 @ 4FT
H233935-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	6960		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-CI-B	
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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)			102 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	
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Surrogate: 1-Chlorooctadecane			121 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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**FL 85 @ 4FT
H233935-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	5440		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
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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)			102 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	
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Surrogate: 1-Chlorooctadecane			119 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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**FL 86 @ 4FT
H233935-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	2040		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			107 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			117 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Analytical Results For:

Etech Environmental & Safety Solutions 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
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**FL 87 @ 4FT
H233935-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	2680		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			102 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			112 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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**FL 88 @ 4FT
H233935-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	2480		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-CI-B	
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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)			99.6 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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			101 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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Surrogate: 1-Chlorooctadecane			111 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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**FL 89 @ 4FT
H233935-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1300		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			105 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			116 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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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: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To:	Reported: 06-Sep-23 15:41
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**FL 90 @ 4FT
H233935-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	3040		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			111 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			121 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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**FL 91 @ 4FT
H233935-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1800		16.0	mg/kg	4	3072746	AC	27-Jul-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			110 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			119 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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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: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To:	Reported: 06-Sep-23 15:41
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**SW #1
H233935-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	3072747	AC	27-Jul-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			109 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			120 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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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: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To:	Reported: 06-Sep-23 15:41
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WW #3

H233935-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	176		16.0	mg/kg	4	3072747	AC	27-Jul-23	4500-CI-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			110 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			117 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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**NW #5
H233935-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	3072747	AC	27-Jul-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3072723	MS	27-Jul-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			104 %	48.2-134		3072724	MS	27-Jul-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			112 %	49.1-148		3072724	MS	27-Jul-23	8015B	
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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: RISER 70 PIPE 03 Project Number: 18238 Project Manager: ZACH CONDER Fax To:	Reported: 06-Sep-23 15:41
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3072746 - 1:4 DI Water

Blank (3072746-BLK1)		Prepared: 27-Jul-23 Analyzed: 28-Jul-23								
Chloride	ND	16.0	mg/kg							
LCS (3072746-BS1)		Prepared: 27-Jul-23 Analyzed: 28-Jul-23								
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3072746-BSD1)		Prepared: 27-Jul-23 Analyzed: 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	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3072723 - Volatiles

Blank (3072723-BLK1)

Prepared: 27-Jul-23 Analyzed: 28-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			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 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
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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							
<i>Surrogate: 1-Chlorooctane</i>	51.7		mg/kg	50.0		103	48.2-134			
<i>Surrogate: 1-Chlorooctadecane</i>	57.5		mg/kg	50.0		115	49.1-148			

LCS (3072724-BS1)		Prepared & 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			
<i>Surrogate: 1-Chlorooctane</i>	55.2		mg/kg	50.0		110	48.2-134			
<i>Surrogate: 1-Chlorooctadecane</i>	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	
<i>Surrogate: 1-Chlorooctane</i>	58.2		mg/kg	50.0		116	48.2-134			
<i>Surrogate: 1-Chlorooctadecane</i>	61.1		mg/kg	50.0		122	49.1-148			

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: Etech Environmental & Safety Solutions, Inc.
 Project Manager: Zach Conder
 Address: 2617 W Marland
 City: Hobbs State: NM Zip: 88240
 Phone #: (575) 264-9884 Fax #:
 Project #: 18238 Project Owner: Spur Energy Partners
 Project Name: Riser 70 Pipe 03
 Project Location: Rural Eddy County, NM
 Sampler Name: Aaron Rios
 P.O. #:
 Company: Spur Energy Partners
 Attn: Kathy Purvis
 Address:
 City: State: NM Zip:
 Phone #:
 Fax #:
 Chloride
 TPH (8015M)
 BTEX (8021B)

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
4233935	FL # 80 @ 4 Ft	C	1	X										X	X	X
	FL # 81 @ 4 Ft	C	1	X										X	X	X
	FL # 82 @ 4 Ft	C	1	X										X	X	X
	FL # 83 @ 4 Ft	C	1	X										X	X	X
	FL # 84 @ 4 Ft	C	1	X										X	X	X
	FL # 85 @ 4 Ft	C	1	X										X	X	X
	FL # 86 @ 4 Ft	C	1	X										X	X	X
	FL # 87 @ 4 Ft	C	1	X										X	X	X
	FL # 88 @ 4 Ft	C	1	X										X	X	X
	FL # 89 @ 4 Ft	C	1	X										X	X	X

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Relinquished By: *[Signature]* Date: 7/27/23
 Received By: *[Signature]* Date: 9:35
 Relinquished By: *[Signature]* Date:
 Received By: *[Signature]* Date:
 Delivered By: (Circle One) UPS Bus Other:
 Sample Condition: Cool Intact Yes No Yes No
 CHECKED BY: *[Signature]* (Initials)
 Phone Result: Yes No No No Add'l Phone #:
 Fax Result: Yes No No No Add'l Fax #:
 REMARKS: **RUSH SAMPLES 24hrs**
 Please email results and copy of CoC to pm@etechnv.com.

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

P.O. #: _____
 Company: Spur Energy Partners
 Attn: Kathy Purvis
 Address: _____
 City: _____ State: NM Zip: _____
 Phone #: _____ Fax #: _____

Project Manager: Zach Conder
 Address: 2617 W Marland
 City: Hobbs State: NM Zip: 88240
 Phone #: (575) 264-9884 Fax #: _____
 Project #: 18238 Project Owner: Spur Energy Partners
 Project Name: Riser 70 Pipe 03
 Project Location: Rural Eddy County, NM
 Sampler Name: Aaron Rios

FOR LAB USE ONLY	MATRIX	PRESERV	SAMPLING
	GROUNDWATER		
	WASTEWATER		
	SOIL		
	OIL		
	SLUDGE		
	OTHER :		
	ACID/BASE:		
	ICE / COOL		
	OTHER :		

Lab I.D.	Sample I.D.	(C)RAB OR (C)OMP.	# CONTAINERS	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
11	FL # 90 @ 4 Ft	C	1	7/26/23		X	X	X
12	FL # 91 @ 4 Ft	C	1	7/26/23		X	X	X
13	SW # 1	C	1	7/26/23		X	X	X
14	WW # 3	C	1	7/26/23		X	X	X
15	NW # 2-5	C	1	7/26/23		X	X	X

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Relinquished By: _____ Date: _____
 Received By: _____ Date: 9:35
 Time: _____

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: *customer requested sample ID change. See inquiry 9.16.23
RUSH SAMPLES
 Please email results and copy of CoC to pm@etechnv.com.

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: Other
 -Lo. 4.0 #1110
 CHECKED BY: _____ (Initials)

FORM-006
 Revision 1.0
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 102 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/01/2023	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	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 102 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/01/2023	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	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 102 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 107 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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 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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 107 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 ZACH CONDER
 2617 W MARLAND
 HOBBS NM, 88240
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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 102 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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

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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 102 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 100 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 108 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/01/2023	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	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 100 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/01/2023	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	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 107 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/01/2023	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	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 107 % 88.2-108

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	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	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 101 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 107 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 98.3 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 102 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 107 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 86.7-111
 Surrogate: Toluene-d8 102 % 89.3-110
 Surrogate: 4-Bromofluorobenzene 108 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134
 Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/3

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Zack
Address: P.O. Box 301
City: Lovington
State: NM **Zip:** 88260
Phone #: (575) 396-2378
Fax #: (575) 396-1429
Project #: 18238
Project Owner:
Project Name: Riser 70 Pipe 03
Project Location: Rural Lea Co., NM
Sampler Name: Aaron Pios

BILL TO
P.O. #:
Company: Spar Energy LLC.
Attn:
Address:
City:
State: **Zip:**
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.		SAMPLING		Chloride	TPH (8015M)	BTEX (8021B)
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER			
H234031	1 NW#12.	X			X				X					
	2 NW#13.											X	X	X
	3 FL # 124 @ 4ft													
	4 FL # 125 @ 4ft													
	5 FL # 126 @ 4ft													
	6 FL # 127 @ 4ft													
	7 FL # 128 @ 4ft													
	8 FL # 129 @ 4ft													
	9 FL # 130 @ 4ft													
	10 FL # 131 @ 4ft													

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Relinquished By: Aaron Pios
Date: 1-23
Time: 0853
Received By: [Signature]
Date:
Time:

Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**

REMARKS:
Rush
Please email results to pm@etechenv.com.

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: - 4.2c
Sample Condition: Cool Intact
 Yes No
CHECKED BY: [Signature]
(Initials)

FORM-006
Revision 1.0

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/3

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Zack
Address: P.O. Box 301
City: Lovington **State:** NM **Zip:** 88260
Phone #: (575) 396-2378 **Fax #:** (575) 396-1429
Project #: 18238 **Project Owner:**
Project Name: Riser 70 pipe 03
Project Location: Rural Lea Co., NM
Sampler Name: Aaron Kios

BILL TO
P.O. #:
Company: SPur Energy LLC
Attn:
Address:
City:
State: **Zip:**
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX						PRESERV. ACID/BASE: ICE / COOL OTHER:	SAMPLING DATE	TIME
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:			
H234031											
11	FL # 114 @ 4 Ft	X			X				X		
12	FL # 115 @ 4 Ft							X			
13	FL # 116 @ 4 Ft										
14	FL # 117 @ 4 Ft										
15	FL # 118 @ 4 Ft										
16	FL # 119 @ 4 Ft										
17	FL # 120 @ 4 Ft										
18	FL # 121 @ 4 Ft										
19	FL # 122 @ 4 Ft										
20	FL # 123 @ 4 Ft										

Chloride
 TPH (8015M)
 BTEX (8021B)

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Relinquished By: Aaron Kios
Date: 8/23
Time: 0853

Received By: [Signature]
Received By: [Signature]

Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: -42: #140

Sample Condition:
 Cool Intact
 Yes No Yes No
CHECKED BY: [Signature]
 (Initials)

Please email results to pm@etechenv.com.

FORM-006
Revision 1.0

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



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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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		Analyzed 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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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 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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

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	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL TO		ANALYSIS REQUEST																							
Project Manager: Zack		P.O. #:		<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div>																							
Address: P.O. Box 301		Company: SPUR Energy LLC																									
City: Lovington State: NM Zip: 88260		Attn:																									
Phone #: (575) 396-2378 Fax #: (575) 396-1429		Address:																									
Project #: 18238 Project Owner:		City:																									
Project Name: Riser To Pipe 03		State: Zip:																									
Project Location:		Phone #:																									
Sampler Name: Aaron Rios		Fax #:																									
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME													
H234074													8-1-23		X	X	X										
	1 FL # 132 @ 4ft	X			X					X																	
	2 FL # 133 @ 4ft																										
	3 FL # 134 @ 4ft																										
	4 FL # 135 @ 4ft																										
	5 FL # 136 @ 4ft																										
	6 FL # 137 @ 4ft																										
	7 FL # 138 @ 4ft																										
	8 FL # 139 @ 4ft																										
	9 FL # 140 @ 4ft																										
	10 FL # 141 @ 4ft																										
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																											
Relinquished By: Aaron Rios		Date: 8-2-23		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																			
		Time: 1120				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																			
Relinquished By:		Date:		Received By:		REMARKS: Rush																					
		Time:																									
Delivered By: (Circle One)				Sample Condition		CHECKED BY: (Initials)		Please email results to pm@etechenv.com.																			
Sampler: UPS - Bus - Other: - 6.8c				Cool Intact		[Signature]																					
				Yes Yes																							
				No No																							

FORM-006
Revision 1.0

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Zack
Address: P.O. Box 301
City: Lovington **State:** NM **Zip:** 88260
Phone #: (575) 396-2378 **Fax #:** (575) 396-1429
Project #: 18238 **Project Owner:**
Project Name: ~~Reset~~ TO Pipe 03
Project Location:
Sampler Name: Aaron Rio

BILL TO
P.O. #:
Company:
Attn:
Address:
City:
State: **Zip:**
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.)	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER							
H234074																
11	FL # 142 @ 4FF	X			X					X		8-1-23		X	X	X
12	FL # 143 @ 4FF															
13	FL # 144 @ 4FF															
14	FL # 145 @ 4FF															
15	FL # 146 @ 4FF															
16	FL # 147 @ 4FF															
17	FL # 148 @ 4FF															
18	FL # 149 @ 4FF															
19	SW # 20															
20	NW # 20															

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Relinquished By: Aaron Rio **Date:** 8-2-23 **Time:** 11:20
Received By: Tamara [Signature] **Phone Result:** Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**
REMARKS: Rush
Please email results to pm@etechenv.com.

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: -6.8c #140
Sample Condition: Cool Yes No Intact Yes No
CHECKED BY: (Initials) TO.

FORM-006
Revision 1.0

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.

Project Manager: *Zack*

Address: P.O. Box 301

City: Lovington State: NM Zip: 88260

Phone #: (575) 396-2378 Fax #: (575) 396-1429

Project #: *18238* Project Owner:

Project Name: *Riser 70 Pipe 03*

Project Location:

Sampler Name: *Aren Rios*

BILL TO
P.O. #:
Company: *Spar Energy LLC*
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER							
<i>H234074</i>															
<i>21 SW# 15</i>		<i>X</i>			<i>X</i>										
<i>22 NW# 15</i>								<i>X</i>		<i>8-1-23</i>		<i>X</i>	<i>X</i>	<i>X</i>	
<i>23 SW# 16</i>															
<i>24 NW# 16</i>															
<i>25 SW# 17</i>															
<i>26 NW# 17</i>															
<i>27 SW# 18</i>															
<i>28 NW# 18</i>															
<i>29 SW# 19</i>															
<i>30 NW# 19</i>															

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Relinquished By: *Aren Rios*
Date: *8-2-23*
Time: *1120*

Received By: *Yamara Delatorre*
Date: *8-2-23*
Time: *1120*

Phone Result: Yes No Add'l Phone #:
Fax Result: Yes No Add'l Fax #:

REMARKS: *Rash*
Please email results to pm@etechenv.com.

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

-6.8°C *#140*

Sample Condition
Cool Intact
 Yes No Yes No

CHECKED BY: (Initials)
ye



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
Project Manager: Zach Conder
Address: 3100 Plains Hwy
City: Lovington State: NM Zip: 88260
Phone #: 575-396-2378 Fax #: 575-396-1429
Project #: 18238 Project Owner: Spur Energy Partners, LLC
Project Name: Riser 70 Pipe 03
Project Location: UL/ A Sec 20 T17S - R31E
Sampler Name: Aaron

Table with columns: Lab I.D., Sample I.D., (GRAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV., SAMPLING (DATE, TIME), Chloride, TPH, BTEX 8021. Includes handwritten entries for samples 31 and 32.

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Relinquished By: [Signature] Date: 8-2-23 Time: 7:20
Received By: [Signature]
Delivered By: (Circle One) Sampler - UPS - Bus - Other: - Lee 8e #140
Sample Condition: Cool Intact Yes No
CHECKED BY: [Signature]
REMARKS: Email results to zach@etechenv.com
Rush

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



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

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 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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

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 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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	08/03/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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 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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	08/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

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 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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	08/03/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Zack
Address: P.O. Box 301
City: Lovington **State:** NM **Zip:** 88260
Phone #: (575) 396-2378 **Fax #:** (575) 396-1429
Project #: 18238 **Project Owner:**
Project Name: Riser 70 Pipe 03
Project Location:
Sampler Name: Aaron Pios

BILL TO
P.O. #:
Company: SPS Energy LLC
Attn:
Address:
City:
State: **Zip:**
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:							
4233980																
11	FL # 92. @ 4 FT	X				X				X				X	X	X
12	FL # 93. @ 4 FT															
13	FL # 94. @ 4 FT															
14	FL # 95. @ 4 FT															
15	FL # 96. @ 4 FT															
16	FL # 97. @ 4 FT															
17	FL # 98. @ 4 FT															
18	FL # 99. @ 4 FT															
19	FL # 100. @ 4 FT															
20	FL # 101. @ 4 FT															

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Relinquished By: Aaron Pios
Date: 7/25/23
Time: 10:40

Received By: Shaun Cisneros
Date:
Time:

Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**
REMARKS:

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:

Sample Condition
Cool Yes No
Intact Yes No

CHECKED BY:
(Initials)
DC

Please email results to pm@etechenv.com.



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/04/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	08/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 152 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/04/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/04/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/04/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Zeck
Address: P.O. Box 301
City: Lovington **State:** NM **Zip:** 88260
Phone #: (575) 396-2378 **Fax #:** (575) 396-1429
Project #: 18238 **Project Owner:**
Project Name: Riser 70. Pipe 03
Project Location:
Sampler Name: Auer Hios

BILL TO
P.O. #:
Company: Spur energy LLC
Attn:
Address:
City:
State: **Zip:**
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:					
H234006																	
1	FL # 108, @ 4 FT	X				X				X							
2	FL # 109, @ 4 FT											7-28-23		X	X	X	
3	FL # 110, @ 4 FT																
4	FL # 111, @ 4 FT																
5	FL # 112, @ 4 FT																
6	FL # 113, @ 4 FT																
7	SW # 6.																
8	SW # 6.																
9	SW # 7.																
10	SW # 7.																

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Relinquished By: Auer Hios
Date: 7-28-23
Time: 1640
Received By: Tamara [Signature]
Date: [Blank]
Time: [Blank]

Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: 2.3c #140
Sample Condition: Cool Yes No Intact Yes No
CHECKED BY: (Initials) TO

REMARKS:
Please email results to pm@etechenv.com.

FORM-006
Revision 1.0

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



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/08/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/08/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/08/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/08/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/08/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/08/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/08/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	08/08/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/08/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/08/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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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		Analyzed 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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/08/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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		Analyzed 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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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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		Analyzed 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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

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	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

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	08/08/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Appendix D

Photographic Log

Photographic Log

Photo Number: 1	
Photo Direction: Southwest	
Photo Description: View of release area.	

Photo Number: 2	
Photo Direction: West	
Photo Description: View of release area.	

Photographic Log

Photo Number: 3	 <p>May 31, 2023 at 8:27:07 AM +32.824909,-103.884059 ±5.00m 241° SW</p>
Photo Direction: Southwest	
Photo Description: View of release area.	

Photo Number: 4	 <p>May 31, 2023 at 8:29:10 AM +32.824677,-103.884641 ±5.00m 274° W</p>
Photo Direction: West	
Photo Description: View of release area.	

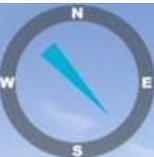
Photographic Log

Photo Number: 5	 <p>May 31, 2023 at 8:58:12 AM +32.825162,-103.887645 ±5.00m 84° E</p>
Photo Direction: East	
Photo Description: View of release area.	

Photo Number: 6	 <p>May 31, 2023 at 8:57:22 AM +32.825081,-103.888092 ±5.00m 71° E</p>
Photo Direction: East	
Photo Description: View of release area.	

Photographic Log

Photo Number: 7	 
Photo Direction: Southeast	
Photo Description: View of excavated area.	

Photo Number: 8	 
Photo Direction: Southeast	
Photo Description: View of excavated area.	

Photographic Log

Photo Number: 9	 <p>Aug 1, 2023 at 11:35:05 AM +32.825097,-103.884627 73° E Eddy County</p>
Photo Direction: East	
Photo Description: View of excavated area.	

Photo Number: 10	 <p>Aug 1, 2023 at 11:33:04 AM +32.825534,-103.885486 226° SW Eddy County</p>
Photo Direction: Southwest	
Photo Description: View of excavated area.	

Photographic Log

Photo Number: 11	  <p>Aug 1, 2023 at 11:32:59 AM +32.825125,-103.888509 130° SE Eddy County</p>
Photo Direction: Southeast	
Photo Description: View of excavated area.	

Photo Number: 12	  <p>Aug 1, 2023 at 11:35:16 AM +32.825097,-103.884627 221° SW Eddy County</p>
Photo Direction: Southwest	
Photo Description: View of excavated area.	

Photographic Log

Photo Number: 13	 <p>Aug 15, 2023 at 3:25:49 PM +32.824802,-103.884609 Loco Hills NM 88255 United States</p>
Photo Direction: West	
Photo Description: View of area after backfill and grading.	

Photo Number: 14	 <p>Aug 15, 2023 at 3:25:17 PM +32.824892,-103.884587 Loco Hills NM 88255 United States</p>
Photo Direction: South	
Photo Description: View of area after backfill and grading.	

Photographic Log

Photo Number: 15	 <p>Aug 15, 2023 at 3:28:27 PM +32.825039,-103.888477 Loco Hills NM 88255 United States</p>
Photo Direction: East	
Photo Description: View of area after backfill and grading.	

Photo Number: 16	 <p>Aug 15, 2023 at 3:24:49 PM +32.825204,-103.884791 Loco Hills NM 88255 United States</p>
Photo Direction: South	
Photo Description: View of area after backfill and grading.	

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

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

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

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

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

CONDITIONS

Action 266357

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 266357
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	1/30/2024