Spill Volume(Bbls) Calculator								
Ir	puts in blue	, Outputs in red						
Length(Ft)	Width(Ft)	Depth(Ft)						
400	10.000	0.333						
Cubic Feet of !	Soil Impacted	1332.000						
Barrels of Sc	il Impacted	237.43						
Soil	Гуре	Clay/Sand						
Barrels of O 100% Sa	il Assuming turation	<u>35.61</u>						
Saturation	Fluid pre	sent with shovel/backhoe						
and the second se	arrels of Oil ased	36						

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Oil Conservation Division

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Incident ID	nAPP2315150992	
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>&gt;102</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🖌 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🖌 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🖌 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🖌 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🖌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🖌 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🖌 Yes 🗌 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and 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
- $\checkmark$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-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.

Received by OCD: 12/7/2023 1	0:16:01 AM State of New Mexico			<b>Page 3 of 249</b>
Form C-141			Incident ID	nAPP2315150992
Page 4	Oil Conservation Division		District RP	
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regulations all operators are requipublic health or the environment. failed to adequately investigate an	Purvis	tifications and perform co OCD does not relieve the eat to groundwater, surfa	prrective actions for rele operator of liability sho ce water, human health iance with any other feo nator	ases which may endanger ould their operations have or the environment. In
OCD Only				
Received by:		Date:		

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Oil Conservation Division

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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.

<u>Closure Report Attachment Checklist</u>: 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: Katharina Purvis Date: 12/07/2023

email: katherine.purvis@spurenergy.com

OCD Only

Received by:

Date:

Telephone: (575) 441-8619

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

Closure Approved by:	Date:
Printed Name:	Title:

# Remediation Summary and Soil Closure Request

### Spur Energy Partners, LLC Tin Horn 73 Main Line

Eddy County, New Mexico Unit Letter B, Section 21, Township 17 South, Range 31 East Latitude 32.82605 North, Longitude 103.87067 West NMOCD Reference No. nAPP2315150992

Prepared By:

Etech Environmental & Safety Solutions, Inc. 2617 W. Marland Hobbs, New Mexico 88240

Man how

Matthew Grieco

Joel W. Lowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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- Appendix A Depth to Groundwater Information
- Appendix B Field Data
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports
- Appendix E Regulatory Correspondence

# **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 Tin Horn 73 Main Line (henceforth, "Site"). Details of the release are summarized below:

atitude:	32.82	2605	Longitude:		-103.87067			
		52.01		d GPS are in WGS84 forma	t.	103107007		
lite Name:	Т	in Horn '	73 Main Line	Site Type:		Pipeline		
Date Release Di			5/30/2023	API # (if applica	able):	N/A		
<b>TT T T T</b>			<b>T</b> 1:		~			
Unit Letter B	-	tion 1	Township 17S	Range 31E	County Eddy			
urface Owner:	Sta	te XF	ederal Tribal	Private (Nam nd Volume of R				
Crude Oil		Volume	Released (bbls)		Volume Rec	overed (bbls)		
X Produced V	Water	Volume	Released (bbls)	35	Volume Rec	overed (bbls) 25		
Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?     Yes     X     No     N/A						X No N/A		
Condensate	e	Volume	Released (bbls)		Volume Rec	overed (bbls)		
Natural Ga	S	Volume	Released (Mcf)		Volume Rec	overed (Mcf)		
Other (des	cribe)	Volume	Weight Released		Volume/Weight Recovered			
Cause of Relea High pressure of		n poly tee	failure, releasing pro	oduced water onto a	pad and in the	pasture.		
			In	iitial Response				
X The source	of the re	elease has	been stopped.					
X The impact	ed area	has been s	secured to protect hun	nan health and the en	vironment.			
X Release ma	terials h	ave been	contained via the use	of berms or dikes, ab	sorbent pad, or o	other containment devices		
	• • •	*******	ole materials have bee	m manager and manager	ged appropriate	1		

### 2.0 SITE CHARACTERIZATION

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>10	2 Feet
Did the release impact groundwater or surface water?	Yes	X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes	X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes	X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes	X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes	X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes	X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes	X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes	X No
Are the lateral extents of the release overlying a subsurface mine?	Yes	X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes	X No
Are the lateral extents of the release within a 100-year floodplain?	Yes	X No
Did the release impact areas not on an exploration, development, production or storage site?	X Yes	No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted 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 Standards for the Site are as follows:

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

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

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

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

### 4.0 **REMEDIATION ACTIVITIES SUMMARY**

On October 2, 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 October 3, 2023, Etech collected twenty (20) confirmation soil samples (FL #1 @ 4FT through FL #12 @ 4FT, EW 1, EW 2, NW 1, NW 2, SW 1, SW 2, WW 1, and WW 2) from the floor and walls 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. BTEX and TPH concentrations were also below the laboratory Method Detection Limit (MDL). Chloride concentrations ranged from less than the laboratory MDL in samples FL #9 @ 4FT and SW 1 to 144 mg/kg in samples NW 1 and WW 1.

On October 4, 2023, Etech collected 28 confirmation soil samples (FL #13 @ 4FT through FL #26 @ 4FT, NW 3 through NW 9, and SW 3 through SW 9) from the floor and walls 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. BTEX and TPH concentrations were also below the laboratory MDL. Chloride concentrations ranged from less than the laboratory MDL in samples NW 4, NW 5, and NW 6 to 2,480 mg/kg in sample FL #24 @ 4FT.

On October 5, 2023, Etech collected 24 confirmation soil samples (FL #27 @ 4FT through FL #36 @ 4FT, EW 3 through EW 8, NW 10, SW 10, and WW 3 through WW 8) from the floor and walls 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. BTEX and TPH concentrations were also below the laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in samples EW 5, WW 5, and WW 8 to 1,090 mg/kg in sample FL #36 @ 4FT.

On October 9, 2023, Etech collected 37 confirmation soil samples (FL #38 @ 4FT through FL #67 @ 4FT, EW 9, NW 11 through NW 13, and SW 11 through SW 13) from the floor and walls 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. BTEX and TPH concentrations were also below the laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in samples EW 9, NW 11, NW 12, and SW 11 to 11,600 mg/kg in sample FL #53 @ 4FT.

On October 11, 2023, Etech collected ten (10) confirmation soil samples (FL #69 @ 2FT through FL #76 @ 3FT, EW 10, and SW 14) from the floor and walls 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. BTEX and TPH concentrations were also below the laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in samples FL #73 @ 2FT and EW 10 to 80.0 mg/kg in sample SW 14.

On October 12, 2023, Etech collected twelve (12) confirmation soil samples (FL #77 @ 2FT through FL #88 @ 4FT) from the floor 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. BTEX and TPH concentrations were also

below the laboratory MDL. Chloride concentrations ranged from less than the laboratory MDL in samples FL #82 @ 2FT and FL #83 @ 2FT to 2,240 mg/kg in sample FL #87 @ 4FT.

On October 17, 2023, Etech collected fifteen (15) confirmation soil samples (FL #89 @ 1FT through FL #100 @ 2FT, NW 14, NW 15, and SW 15) from the floor and walls 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. BTEX and TPH concentrations were also below the laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in sample NW 14 to 208 mg/kg in sample FL #89 @ 1FT.

On October 18, 2023, Etech collected ten (10) confirmation soil samples (FL #101 @ 3FT through FL #110 @ 2FT) from the floor 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. BTEX and TPH concentrations were also below the laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in sample FL #101 @ 3FT to 176 mg/kg in sample FL #110 @ 2FT.

On October 19, 2023, Etech collected 21 confirmation soil samples (FL #111 @ 4FT through FL #126 @ 2FT, EW 11, NW 16, SW 16, SW 17, and WW 9) from the floor and walls 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. BTEX and TPH concentrations were also below the laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in samples FL #112 @ 3FT, FL #114 @ 2FT, FL #116 @ 2FT, NW 16, and WW 9 to 176 mg/kg in sample FL #119 @ 2FT.

On October 23, 2023, Etech collected ten (10) confirmation soil samples (FL #127 @ 2FT through FL #135 @ 2FT and WW) from the floor and walls 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. BTEX and TPH concentrations were also below the laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg in samples FL #127 @ 2FT, FL #130 @ 2FT, and WW to 112 mg/kg in sample FL #134 @ 2FT.

A site and sample location map is provided as Figure 3. A soil chemistry table is provided as Table 1. Field data is provided as Appendix B. A photographic log of remediation activities is provided as Appendix C. Laboratory analytical reports are provided as Appendix D. Copies of regulatory correspondence are provided in Appendix E.

The final dimensions of the excavated area were approximately 1,720 feet in length, five (5) to 135 feet in width, and one (1) to four (4) feet in depth. During the course of remediation activities, approximately 3,844 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 3,900 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 Tin Horn 73 Main Line site.

### 7.0 LIMITATIONS

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

This report has been prepared for the benefit of Spur Energy Partners, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Spur Energy Partners, LLC.

### 8.0 **DISTRIBUTION**

#### Spur Energy Partners, LLC

9655 Katy Freeway Suite 500 Houston, TX 77024

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

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

#### United States Department of the Interior

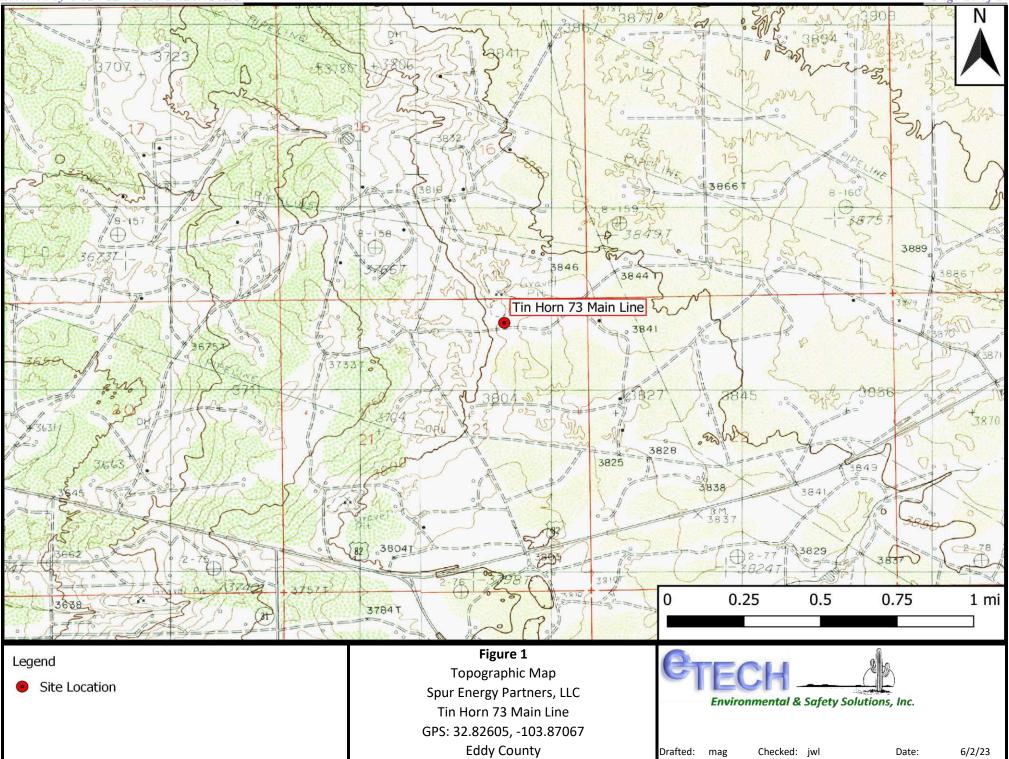
Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

(Electronic Submission)

# Figure 1 Topographic Map

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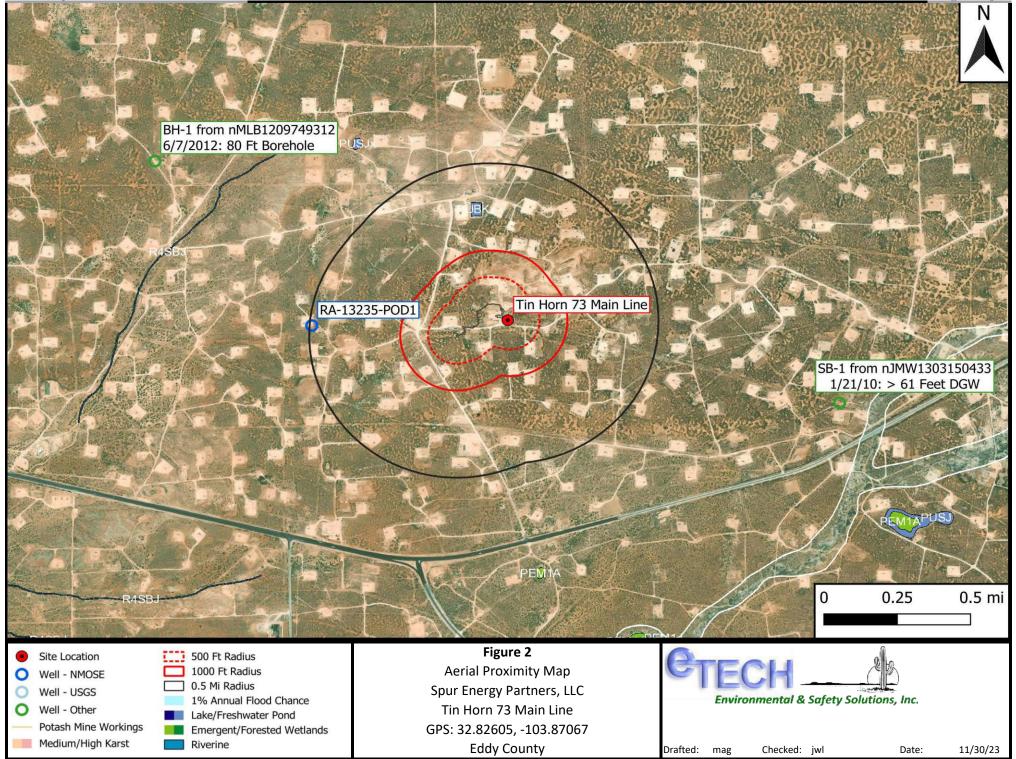
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# Figure 2 Aerial Proximity Map

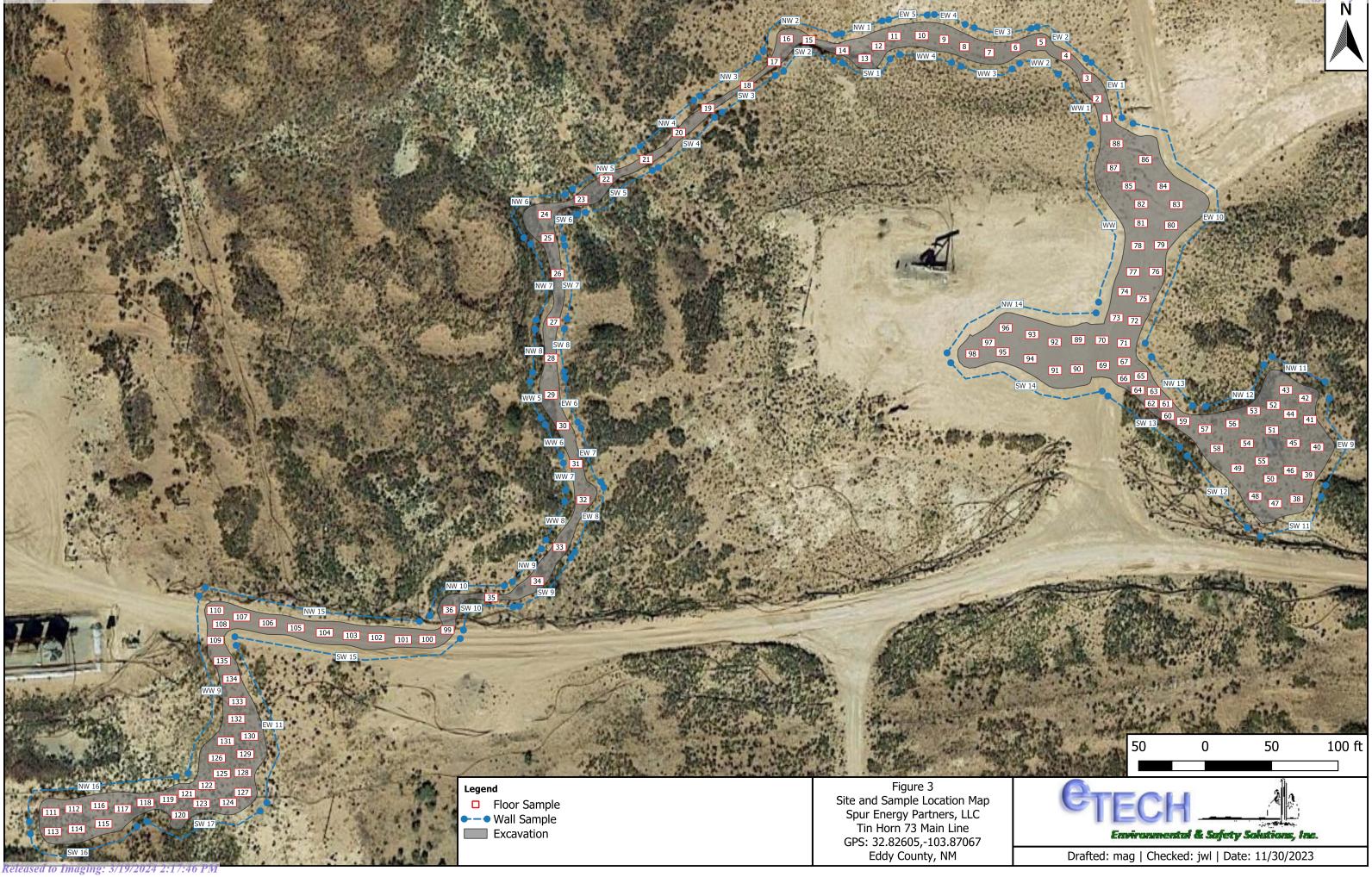
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# Figure 3 Site and Sample Location Map



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

Table 1											
Concentrations of BTEX, TPH, and Chloride in Soil Spur Energy Partners, LLC											
				-	01	<i>,</i>					
					n Horn 73						
NMO	CD Closure C	uitouio		-	D Ref. #: n	APP2315	150992	1 000			20.000
				10 10	50 50	-	-	1,000	-	2,500	20,000
NNOCD	NMOCD Reclamation Standard					-	-	-	-	100	600
		<b>D</b> (1	<b>c</b> "	SW 840	0 8021B			846 8015M GRO +			4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO C <sub>6</sub> -C <sub>10</sub>	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	ТРН С <sub>6</sub> -С <sub>36</sub>	Chloride
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	$C_6 - C_{28}$	(mg/kg)	(mg/kg)	(mg/kg)
FL #1 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	48.0
FL #2 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #3 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL #4 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #5 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #6 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL #7 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #8 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #9 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL #10 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL #11 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL #12 @ 4FT	10/3/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #13 @ 4FT	10/4/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL #14 @ 4FT	10/4/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420
FL #15 @ 4FT	10/4/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL #16 @ 4FT	10/4/2023	4	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,860
FL #17 @ 4FT	10/4/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,490
FL #18 @ 4FT	10/4/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL #19 @ 4FT FL #20 @ 4FT	10/4/2023 10/4/2023	4	In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	256 304
FL #20 @ 4FT FL #21 @ 4FT		4	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL #21 @ 4FT FL #22 @ 4FT		4	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL #23 @ 4FT		4		<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL #24 @ 4FT		4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
FL #25 @ 4FT	10/4/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360
FL #26 @ 4FT	10/4/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,230
FL #27 @ 4FT		4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL #28 @ 4FT		4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,060
FL #29 @ 4FT		4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL #30 @ 4FT		4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848
FL #31 @ 4FT		4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL #32 @ 4FT		4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL #33 @ 4FT	10/5/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL #34 @ 4FT	10/5/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL #35 @ 4FT	10/5/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL #36 @ 4FT	10/5/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
FL #38 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL #39 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
FL #40 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,870
FL #41 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848
FL #42 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320

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											
				-	01	<i>,</i>					
					n Horn 73 D D of #0 -						
NMO	CD Closure C	vitavia			D Ref. #: n	APP2315	150992	1 000		2 500	20.000
	Reclamation			10 10	50 50	-	-	1,000	-	2,500	20,000 600
Miloco	Reclamation	Stanuaru		10 SW 846		-	- 514	- 7 846 8015M	- Fvt	100	4500 Cl
		Donth	Soil	5 11 040	J 8021D	CDO		GRO +		TDU	4300 CI
Sample ID	Date	Depth (Feet)	Status	Benzene	BTEX	GRO C <sub>6</sub> -C <sub>10</sub>	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	ТРН С <sub>6</sub> -С <sub>36</sub>	Chloride
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>28</sub> (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
FL #43 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330
FL #44 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL #45 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL #46 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #47 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #48 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #49 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #50 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL #51 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,600
FL #52 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,080
FL #53 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,600
FL #54 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	976
FL #55 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,880
FL #56 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,040
FL #57 @ 4FT	10/9/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,660
FL #58 @ 4FT	10/9/2023	4	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
FL #59 @ 4FT	10/9/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,200
FL #60 @ 4FT	10/9/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
FL #61 @ 4FT FL #62 @ 4FT	10/9/2023 10/9/2023	4	In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	160 1,540
FL #62 @ 4FT FL #63 @ 4FT	10/9/2023	4	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL #63 @ 4FT FL #64 @ 4FT	10/9/2023	4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,560
	10/9/2023	4		<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,500
	10/9/2023	4	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
FL #67 @ 4FT	10/9/2023	4	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
FL #69 @ 2FT		2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #70 @ 2FT		2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #71 @ 3FT		3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #72 @ 3FT		3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #73 @ 2FT		2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL #74 @ 2FT		2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #75 @ 3FT	10/11/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #76 @ 3FT	10/11/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #77 @ 2FT	10/12/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #78 @ 2FT	10/12/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #79 @ 2FT	10/12/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL #80 @ 2FT	10/12/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL #81 @ 2FT	10/12/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL #82 @ 2FT	10/12/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL #83 @ 2FT	10/12/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL #84 @ 2FT	10/12/2023	2	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.

Released to Imaging: 3/19/2024 2:17:46 PM

Table 1           Concentrations of BTEX, TPH, and Chloride in Soil											
			Concer					n Soil			
				-	Energy P	/					
					n Horn 73 Dof #:						
NMO	CD Closure C	ritoria		-	D Ref. #: n	APP2315	150992	1 000		2.500	20.000
	Reclamation			10 10	50 50	-	-	1,000	-	2,500	20,000 600
Iunoeb	Reclamation	Stanuaru		10 SW 846		-	- 514	- 7 846 8015M	- Fyt	100	4500 Cl
		Donth	Soil	5 11 040	00210	67 <b>0</b> 0		GRO +			4300 CI
Sample ID	Date	Depth (Feet)	Status	Benzene	BTEX	GRO C <sub>6</sub> -C <sub>10</sub>	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	ТРН С <sub>6</sub> -С <sub>36</sub>	Chloride
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>28</sub> (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
FL #85 @ 2FT	10/12/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #86 @ 2FT	10/12/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL #87 @ 4FT	10/12/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
FL #88 @ 4FT	10/12/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330
FL #89 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL #90 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #91 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL #92 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #93 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #94 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #95 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #96 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #97 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #98 @ 1FT	10/17/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	10/17/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
0	10/17/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
0	10/18/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL #102 @ 3FT		3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #103 @ 3FT		3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #104 @ 3FT		3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #105 @ 2FT FL #106 @ 2FT		2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #100 @ 2FT FL #107 @ 2FT		2	In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	64.0 32.0
FL #107 @ 2FT FL #108 @ 2FT		2	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #108 @ 2FT FL #109 @ 2FT		2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #110 @ 2FT		2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
Ű	10/19/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #112 @ 3FT	10/19/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL #115 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #116 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL #117 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #118 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #119 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL #120 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL #121 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
Ű	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL #123 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL #124 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #125 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0

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

Red: NMOCD Reclamation Standard exceedance.

Table 1           Concentrations of BTEX, TPH, and Chloride in Soil											
			Concer					in Soil			
				-	0.	artners, I					
						Main Lin APP2315					
NMO	CD Closure C	riteria		10	50 Stell	AFF 2315	130992	1,000		2,500	20,000
	Reclamation			10	50	-	-	1,000	-	100	600
10000	Rechamation	Standard		SW 846		SW 846 8015M Ext.					4500 Cl
		Depth	Soil	511 01	00210	GRO		GRO +		ТРН	1000 01
Sample ID	Date	(Feet)	Status	Benzene	BTEX	$C_{6}-C_{10}$	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	С <sub>6</sub> -С <sub>36</sub>	Chloride
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>28</sub> (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
FL #126 @ 2FT	10/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #127 @ 2FT	10/23/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #128 @ 2FT	10/23/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #129 @ 2FT	10/23/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL #130 @ 2FT	10/23/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL #131 @ 2FT	10/23/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #132 @ 2FT	10/23/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL #133 @ 2FT	10/23/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL #134 @ 2FT	10/23/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL #135 @ 2FT	10/23/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EW 1	10/3/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 2	10/3/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 3	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 4	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EW 5	10/5/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 6 EW 7	10/5/2023	0-4 0-4	In-Situ	<0.050 <0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 7 EW 8	10/5/2023 10/5/2023	0-4	In-Situ In-Situ	<0.030	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	416 32.0
EW 8 EW 9	10/9/2023	0-4	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 9 EW 10	10/9/2023	0-4	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 10 EW 11	10/11/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 1	10/3/2023	0-2	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
NW 2	10/3/2023	0-4	In-Situ		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 3	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 4	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 5	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 6	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 7	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 8	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 9	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 10	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 11	10/9/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 12	10/9/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 13	10/9/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 14	10/17/2023	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 15	10/17/2023	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 16	10/19/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW 1	10/3/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 2	10/3/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 3	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 4	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272

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

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

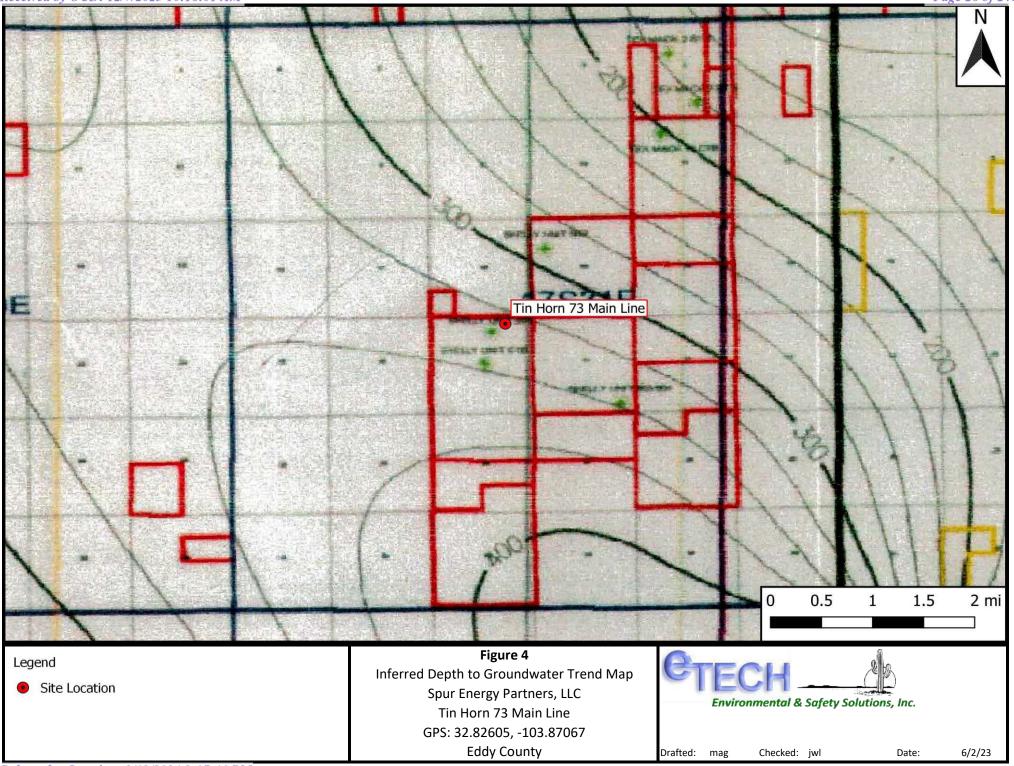
Released to Imaging: 3/19/2024 2:17:46 PM

Table 1           Concentrations of BTEX, TPH, and Chloride in Soil												
			conten		Energy P	<i>,</i>		n Son				
				-	n Horn 73	· · · · ·						
	NMOCD Ref. #: nAPP2315150992											
NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	20,000	
NMOCD	Reclamation	Standard		10	50	-	-	-	-	100	600	
				SW 840	5 8021B		SW	846 8015M	Ext.		4500 Cl	
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)	
SW 5	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
SW 6	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
SW 7	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
SW 8	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
SW 9	10/4/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
SW 10	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0	
SW 11	10/9/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
SW 12	10/9/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
SW 13	10/9/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
SW 14	10/11/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
SW 15	10/17/2023	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
SW 16	10/19/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0	
SW 17	10/19/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
WW 1	10/3/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144	
WW 2	10/3/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
WW 3	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
WW 4	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0	
WW 5	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
WW 6	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
WW 7	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
WW 8	10/5/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
WW 9	10/19/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
WW	10/23/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	

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# Appendix A Depth to Groundwater Information

#### Received by OCD: 12/7/2023 10:16:01 AM



**Released to Imaging: 3/19/2024 2:17:46 PM** 

	New Mexico Office Water Column/Ave	of the State Engineer rage Depth to N	/ater
(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=S' (quarters are smallest to largest)	,	(In feet)
<b>POD Number</b> RA 13235 POD1	POD           Sub-         Q Q Q           Code         basin         County         64 16         4         Sec         Tws         Rng           RA         ED         1         1         21         17S         31E         6	<b>X Y DistanceDepthWell</b> 04631 3632537 <mark>-</mark> 1076 102	Water DepthWater Column
		Average Depth to Water:	
		Minimum Depth:	
		Maximum Depth:	
Record Count: 1			
UTMNAD83 Radius	<u>Search (in meters):</u>		
<b>Easting (X):</b> 605	706.68 Northing (Y): 3632567.88	Radius: 1610	
The data is furnished by the N accuracy, completeness, reliab	MOSE/ISC and is accepted by the recipient with the expressed understa- ility, usability, or suitability for any particular purpose of the data.	nding that the OSE/ISC make no warranties, expressed	

6/2/23 7:32 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	Х	Y
NA	RA	13235 POD1	1	1	1	21	17S	31E	604631	3632537 🌍
» Driller Lice	ense:	1249	Driller	· Con	ıpar	ıy:	AT	KINS EN	IGINEERIN	G ASSOC. INC
Driller Nar	me:	JACKIE D ATKINS								
Drill Start	Date:	10/08/2022	Drill F	ìnish	Dat	te:	1	0/09/2022	2 Plug	g Date:
Log File Da	ate:	11/04/2022	PCW	Rcv I	Date	:			Sou	rce:
Pump Type	e:		Pipe D	ischa	rge	Size:			Esti	mated Yield:
Casing Size	e:		Depth	Well			1	02 feet	Den	th 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.

6/2/23 7:32 AM

POINT OF DIVERSION SUMMARY



# WELL RECORD & LOG

# OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	OSE POD NO.	WELL NO	)		WELL TAG ID NO.			OSE FILE NO(	S).				
Z	POD-1	(	,		n/a			RA-13235					
LIO	Contraction Contraction												
CA.	WELL OWNER							PHONE (OPTIC	UNAL)				
FO		•						CITE			011 4 1010		710
TT	WELL OWNER 919 Milam							CITY Houston			STATE TX	77002	ZIP
<b>GENERAL AND WELL LOCATION</b>	717 Willaill	51 510 24	15					Touston			17	77002	
R	WELL		DE	GREES	MINUTES	SECON							
ΓV	LOCATION		TTUDE	32	49	33.	16 N	* ACCURACY	REQUIRED:	ONE TENT	H OF A S	SECOND	
ERA	(FROM GPS	3)	and the second sec	103	52	55.	80 W	* DATUM REQUIRED: WGS 84					
ENI	DESCRIPTIO		G WELL LOCATION TO	STREET ADD	RESS AND COMMON	LANDM	ADVS DIS	S (SECTION TO	WNSLIID DA	NGE) WHI	DEAVA	ITABLE	
1. G					KESS AND COMMON	LANDM	AKKS - PLS	S (SECTION, TO	WNSHJIF, KA	NGE) WHI	CREAVA	ILABLE	
-	INW INW INV	N Sec. 21	T17S R31E, NMP	M									
	LICENSE NO.		NAME OF LICENSED	DRILLER					NAME OF	WELL DRI	LLING C	OMPANY	
	124				Jackie D. Atkins				A	tkins Engi	neering	Associates, In	nc.
	DRILLING ST	ARTED	DRILLING ENDED	DEPTH OF CO	MPLETED WELL (FT	<u> </u>	BORE HO	LE DEPTH (FT)	DEPTH W	ATER FIRS	T ENCOU	UNTERED (FT)	
	10/8/2		10/9/2022		102			±102			n/a		
			I I					STATIC	WATER LEV	EL	,	DATE STATIC	MEASURED
	COMPLETED	WELL IS:	ARTESIAN	✓ DRY HO	LE SHALLOV	W (UNCO	NFINED)	IN COM	PLETED WEL			10/31/	
NO			press.					(FT)				10.21	
<b>AT</b>	DRILLING FL	UID:	AIR	MUD	ADDITIVI					annan			
DRILLING & CASING INFORMATION	DRILLING MI	ETHOD:	ROTARY HAMM	IER 🗌 CAB	LE TOOL 🔽 OTHE	ER – SPEC	CIFY: H	Hollow Stem	Auger	INSTAL	LED	PITLESS ADAI	
NFC	DEPTH (	feet bgl)	BORE HOLE	CASING	CASING MATERIAL AND/OR			ASING	CASI	NG	CASI	NG WALL	SLOT
1 D	FROM	то	DIAM	<i>c</i> 1 1	GRADE (include each casing string, and			NECTION	INSIDE			CKNESS	SIZE
SIN			(inches)					TYPE ling diameter)	(inch	es)	<b>(</b> i	inches)	(inches)
CA	0	102	±6.5		Soil Boring		(uuu toup						
G &													
LIN													
SIL													
2. DI													
2													
	DEPTH (	feet bgl)	BORE HOLE	L	IST ANNULAR SE	AL MA	TERIAL A	AND	AM	OUNT		METHO	D OF
AL	FROM	ТО	DIAM. (inches)	GRA	VEL PACK SIZE-	RANGE	BY INTE	ERVAL	(cut	oic feet)		PLACEN	
ERL													
ANNULAR MATERIAL													
M								and a second second second	056 (	<del>uon II</del>	4 202	2 pm4:01	
LA	├												
N	┝────┤												
Э.	┝────┤												
FOR	OSE INTERN	NAL USE										Version 01/2	8/2022)
FILE	ENO. RI	A -1	3235		POD NO			TRN	NO. 73	310	DE		

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15.

LOCATION

PAGE 1 OF 2

WELL TAG ID NO.

PAGE 2 OF 2

MA

WELL TAG ID NO.

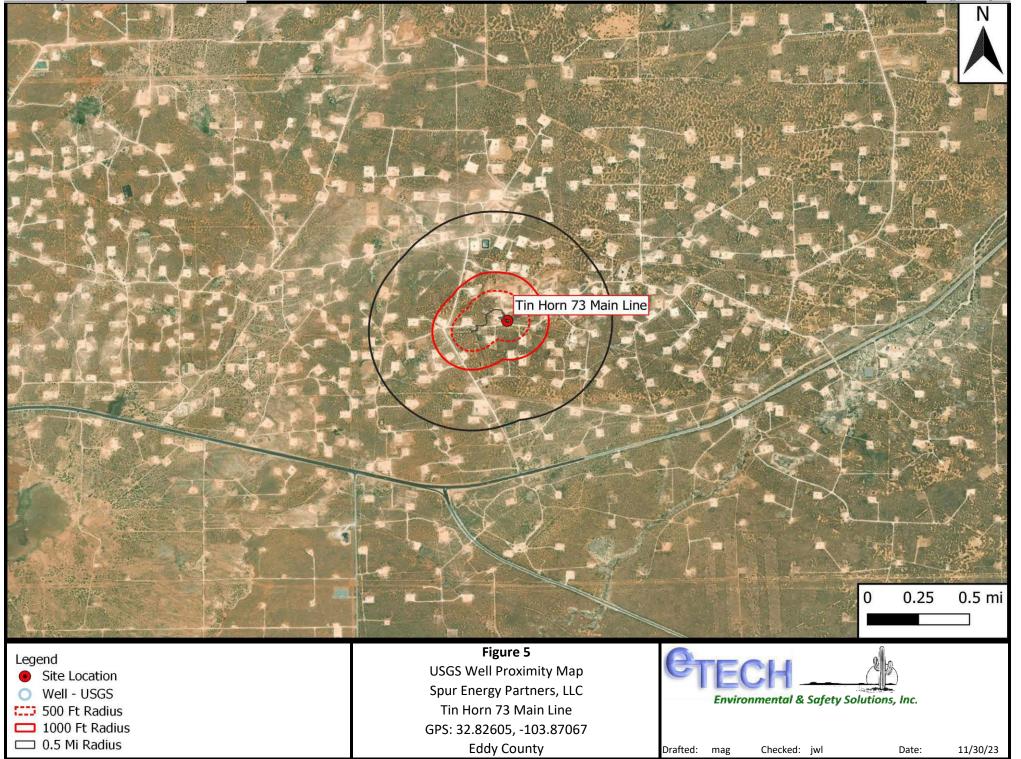
	DEPTH (1 FROM	feet bgl) TO	THICKNESS (feet)	INCLUDE WAT	ER-BEARING CA	FERIAL ENCOUN VITIES OR FRAC to fully describe a	TURE ZONES		WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	4	4	Sand	, Fine-grained with	caliche, Tanish wl	nite		Y VI	N	
	4	14	10			aded, unconsolidat			Y V	-+	
	17	70	53			unconsolidated, R			Y √N	N	
	70	102	32		Clay, consolidated				Y √N	N	
		-					YN	N			
Г									YN	N	
4. HYDROGEOLOGIC LOG OF WELL									Y N	N	
OF V									Y N	N	
90									Y N	N	
ICL									YN	N	
DOU									YN	N	
EOI									YN	N	
ROG									YN	N	
ave									YN	N	
4.1									YN	N	
									YN	N	
									Y N	N	
									YN	N	
									Y N	N	
									Y N	N	
									Y N	N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARIN	G STRATA:			TOTAL I	ESTIMATE	D	
	<b>PUM</b>		IR LIFT	BAILER 0	THER – SPECIFY	:		WELL Y	TELD (gpn	n):	0.00
NO	WELL TES	T TEST	RESULTS - ATT I TIME, END TI	ACH A COPY OF DA ME, AND A TABLE S	TA COLLECTED HOWING DISCH	DURING WELL 1 ARGE AND DRA	TESTING, INC WDOWN OVI	LUDING	DISCHARC ESTING PE	GE M	IETHOD, D.
5. TEST; RIG SUPERVISION	MISCELLA	NEOUS INF	ORMATION: Rehy	emoved well material ydrated benonite hole	l, back filled from plug from 10 be	n total depth to 1 low ground surfa	ice to surface		11 Inface. The		
EST	PRINT NAM	(E(S) OF D	RILL RIG SUPER	RVISOR(S) THAT PRO	VIDED ONSITE	SUPERVISION O	F WELL CON	STRUCTI	ON OTHER	TH	AN LICENSEE:
5. T	Shane Eldri										
NTURE	CORRECT I	RECORD O	F THE ABOVE I	FIES THAT, TO THE F DESCRIBED HOLE AN 30 DAYS AFTER COM	ND THAT HE OR	SHE WILL FILE					
6. SIGNATURE	Jack k	Atkins		Ja	ckie D. Atkins				11/1/2022	2	
•		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE	NAME				DAT	Έ	
FOI	R OSE INTERI	NAL USE					WR-20 WE	L RECOR	RD & LOG	(Ver	sion 01/28/2022)
		A - 1	2235		POD NO.	1	TRN NO.				

175, 31E

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LOCATION



Released to Imaging: 3/19/2024 2:17:46 PM

# Appendix B Field Data

Received by OCD: 12/7/2023 10:16:01 AM



# Sample Log

					Date:		
Project:	Tin Horn 73 Main Li	ne					
Project Numb	er:	18274	Latitude:	32.82605	Longitude:	-103.87067	

Sample ID	PID/Odor	Chloride Conc.	GPS
VI@ SVItau	light	6.0 1296	
VIPI	lisht	2.8 324	
VIP P2	~	4.0 604	
Va @ 3'	-	1.8 152	
NZ & SUHAU	-	5.0 908 5.0 H.S. 4152	
VARY	-	5.0 4.5. 4152	
V202	-		
V2 @3'	-	1.8 152	
V3@Sultau		6.0 4.5. 5204	
VZ Øľ		6.0 H.S. 5204 6.8 H.S. 8669	
V3 @ 2'	-	8.0 2588	
V3 @ 3		7.0 1820	
V3@4'	-	5.4 1052	
3051		3.4 452	
Vy @ svituu =		8:0 2588 ==	
VUQI	-	6.0 H.S. 6204	
<u>v4@2:</u>	~	6.0 1296	
N403'		7.0 (820)	······································
V404		6.0 H.S. 6204	
VIE5'		3,0 364	
<u><u>vse</u> 0</u>		9.0 75.80	
VSC I	~	6.0 1296	
V5@ 2'		3.0 <u>364</u> 2.6 <u>324</u>	
VSC3'	-	2.4 324	
		· · · · · · · · · · · · · · · · · · ·	
			· · · · · · · · · · · · · · · · · · ·
·			
	<u> </u>		
Sample Deint - SD #1 @ ## atc		Toct Tranch = TT #1 @ ##	Persamples - SP #1 @ 5h or SW #1h

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Sidewall = SW #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

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

Received by OCD: 12/7/2023 10:16:01 AM

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# Sample Log

Environmenta	a sajety solutions	s, inc.			Date:	
Project:	Tin Horn 73	Main Line				
Project Numb	er:	18274	Latitude:	32.82605	Longitude:	-103.87067

Sample ID	PID/Odor	Chloride Conc.	GPS
FL#I @ 4Ft	*	1.176	
FL # 2 @ 4FH	-	528	
FL # 3 @ 4Ft	-	528	
R#4 @4H	-	396	
R#S@4A	-	628	
FL # 6 @ 4 Ft	-	436	
FL#9 @ YFI	-	192	
R#8@4H	-	320	
FL F9 GYFI	-	346	
FL # 10 6 4 Ft	-	490	
FL# 11 @ 4 Ft		320	
FL# 12 6 4H	<u> </u>	720	
E63 1,	_	111 320	
Ew2,	-	192	
ww l	-	436	
$\omega\omega$ 2.	-	220	
Siu I.	-	436	
Siv 2		625	
Nulla	-	576	
NW2.		<b>480</b> 480	
FL# 13, @ 4F1	-	444	
FL#14, 6 4H	~	1,292	
FL # 15 ( )4F1	-	648	
FL# 16. @ 4Ft	-	2,896	
FL# 17: @4Ft	-	1816	
FL# 18 @ 4 Ft		1584	
FL# 19: @ 4 Ft	-	472	
FL# 20. @4Ft	~	વવન	
Sw 3.	-	320	
Sw 4	~	440	
AW 3.	•	444	
NW 4.		164	
Sw 5.		91	
Sw 6	-	488	
NW5.	~	438	
NW 6.	~	512	
Sample Point = SP #1 @ ## etc		Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

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



# Sample Log

Date:

Longitude:

Project Number:

Project:

\_\_\_\_

Latitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
NW7.	-	540	
NW S.	~	488	
SW 1.	(	540	
8W 8.	(	248	
FL#11, 69 4 FF	-	1208	
FL# 22 @ 4A	-	1048	
FL #23, 6 4Ft	-	1,124	
FL # 24. @ 4Ft	-	2588	
FL # 25 @ 4FP	-	1584	
FL #26. @4Ff		912	
Sw9.		592	
NW9.	-	528	
FL#27. @ 4 H	-	996	
FL # 28. 6 4 Ft	~	1.48	
FL # 29. @ 4 Ft		924	
FL # 30 6 4 FI	~	528	
Ew 3.	·	592	
Fizz 4, 🍣	-	248	-
Wika 3.	<u> </u>	944	
$\frac{\omega\omega}{\varepsilon\omega}$ 4.	-	528	
εω 5.	• <u> </u>	480	
Ev 6,	-	516	
WW5.	~	576	
WW 6,	<u> </u>	576	
FL#31, @ 4F1	-	680	
FL# 32, @ 4Ft	-	628	
Ew 7,	-	596	
ww7.		576	
FL# 33. @ 4F4	-	592	
FL#34 @ 4F1	-	1696	
Eir 8	-	116	
FL#34. @ 4F1 EW 8. WW 8.	-	1696 NG 248	
$N \omega$ , $i \phi$ .	~	248	
Sw1.10	-	248	
SW.10. FL# 35, @ 4Ff	-	248 223) 1048	
FL# 36.6 4F1	-	1048	

Sample Point = SP #1 @ ## etc

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

Floor = FL #1 etc

Sidewall = SW #1 etc

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Longitude:



### Sample Log

Date:

Project:

Project Number:

Latitude:

Sample ID	PID/Odor		Chloride Conc.		GPS
FL # 38, Q 44	(	1384			
FL # 39, @ 4 Ft		1,384			
FL # 40. (0) 4 Ft	-	2080			
FL #41. @ 4Ff		1292			
FL # 42. @ 4 FI	-	972			
FL #43. @ 4.4	$\sim$	2080			
FL # 44. @ 4 FI	~	972-			
FL # 45. @ 4 A	-	708			
FL # 46, @ 4 FI	-	648			
Eu 9.	-	116			
$S\omega$ (1.	1	396			
FL# 47 64FF=		280			
FL# 48 04A	<u>`</u>	832			
FL # 49 @4 Ft	-	592			
FL # 50 @ 4 Ff	-	1328			
FL# 51 GYA	-	10,692			
FL# 5) @4Ff		6,624			
FL # 53 6,4Fr ==		13,864	· · · · · · · · · · · · · · · · · · ·	200	-
SW 12	-	520			
FL# 54. 64FA		1696			
FL # 55. @ 4A.	-	2588	÷		
R # SL & YA		6124			
FL # 57. 04A	-	9,852			
FL# 58. @ 4Ft	<u> </u>	6,396			
FL # 59, @ 4FH	<u> </u>	2588			
FL# 60. 6 4FH	-	5904			
FL# 61. @ 4F1	-	3,680		-	
Fl # 62 @ 4 Ft	<u>ــــــــــــــــــــــــــــــــــــ</u>	11,916			
FI# 63 0 4H		900			
FL77-64 @ 4F1	-	6396 2588			
FL#-65 @ 4FI	~	2583			
FL# 66 @ 4FP	-	4324			
NW II.	-	4324 528 528			
Ne 12.	-	528			
NW 13.	-	<u> </u>			
See 13.		396			

Sample Point = SP #1 @ ## etc

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

Floor = FL #1 etc

Sidewall = SW #1 etc

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

Stockpile = Stockpile #1

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Project:

# Sample Log

Date:

Longitude:

Project Number:

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Latitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
FL# 67. @ 4Ft		2588	
FL#68.6,4Ft		2588	
Ew 10.		5464	
FL# 69. @ 2Ft	-	320	
FL# 70, 6, 2Ft	-	320	
FL#71 6 3 Ft	-	142	
FL#12, 6, 3FH	<u>_</u>	444	
FZ # 13. E 2FF	-	396	
Sw 14.	~	મુનવ	
FW 10.	-	216	
FL# 14, @ 2 Ft	<u> </u>	596	
FL# 15. @ 3FT -		488	talin.
FL# 16, @ 3Ft		356	
9.#11, 6, 6, 2 Ft	-	320	
F#78 , 62 Ft		528	
FL #790, @ 2.Ft	-	444	
FL# 800 . 6 2 Ft	-	396	
Fl#81. @2F1		444	35°
FL#82. @ 2Ff	-	488	
FL#83. @ 2Ft	-	488	
FL#84. @ 2Ff		488	
RH85, @ 2Ff	-	396	
FL# 86 @ 2F1	-	444	
A#87@44		2588	
FL#88 E 4 F4	-	1384	
FL #89.@ (.Fr	-	592	
FL # 90 . @ 1. Ft	-	488	
FL #91. @ 1, Ft	-	248	
Fl #92. @ 1. Ft	-	592	
FL #93. @   FL	-	540	
F( #94. @1. Ft	-	444	
FC #95. @ 1. Ft	-	444	
FL #96. Q. 1. FI	-	540	
R #91, @ 1, Ft	~	356	
F1 #98. @ 1. Ft	~	444	
NW \$14		386	

Sample Point = SP #1 @ ## etc

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

Floor = FL #1 etc

Sidewall = SW #1 etc

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

Stockpile = Stockpile #1 GPS Sample Points, Center of Comp Areas

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Sample Log

Project: Project Number:

Latitude:

Longitude:

Date:

Sample ID	PID/Odor		Chloride Conc.	GPS
NW 15.	-	592	FL#124.02Ft	NO
FL# 99@ 2.Fl	-	444	FL # 125. @2Ft	692
Sw 15.	-	280	FL# 126. @2Ft	NO
FL# 100. a 2Ft	-	592	FL# 127. @ 2Ft	592
FL# 101. @ 3Ft	-	592	FL# 128. @2 Ft	NO
FL # 102. @ 3F1	-	444	FL# 129- @2 Ft	NÙ
FL# 103. @ 3Ft -	-	444	FC# 130. 622Ft -	28
FL# 104. @ 3Ft	-	592	FL# 131. 6.2Ft	188
FL # 105. @ 2.Ft	~	356	F(# 132. @2Ft	188
FL #106, 62A	-	248	FL # 133. @ 2Ft	356
FL # (0) . 02 FI	-	540	FL # 134. @ 2.Ft	444
FL # 108. @ 2 FI	- *	540	R# 135.@2Ft	188
FL # 109. @ 2.F1	-	356		
FL #110. @2F1	~	444		
WW 9	-	2,568		
Sw 16.	-	832		
NW 16.	-	444		
FL # 111. 6 3Ft	-	1,816 -		100 - C
Sw 16.	-	396		
WW 9.	-	396		
FL# III, GYFA		592		
FL# 112. @ 3A	~	356		
FL#113.62FH	-	316		
FL#114. @ 2F1	~	592		
FC#115, 6, 2Ft	-	316	·	
Fl #116. @ 2Fl	-	118		
Fl #117. @ 2Ft	-	444		
Fl#118.@2F1	-	316		
FL# 119- @ 2F1	~	488		
NW N.	~	1944		
SW (1.	-	ND MD		
Ews [1.	s			
FL#120, @ 2A	5	488		
FL # 121. Q 2 FP	<u> </u>	488		
R # 12. @ 2 A	-	316		
R# 127.@2.F4	-	356		

Sample Point = SP #1 @ ## etc

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

Floor = FL #1 etc

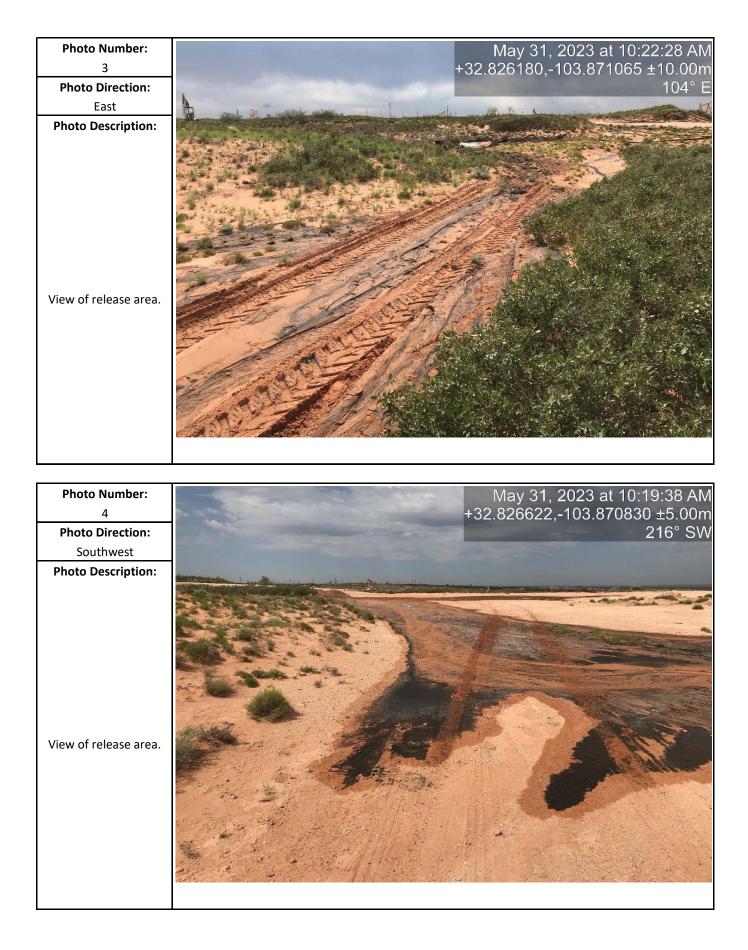
Sidewall = SW #1 etc

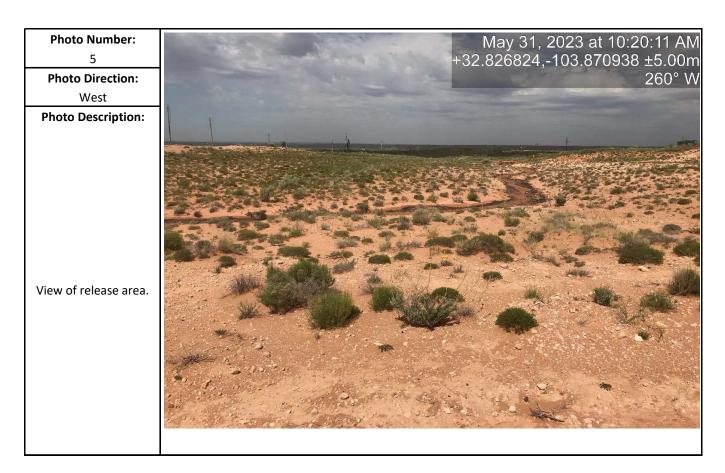
ò

# Appendix C Photographic Log

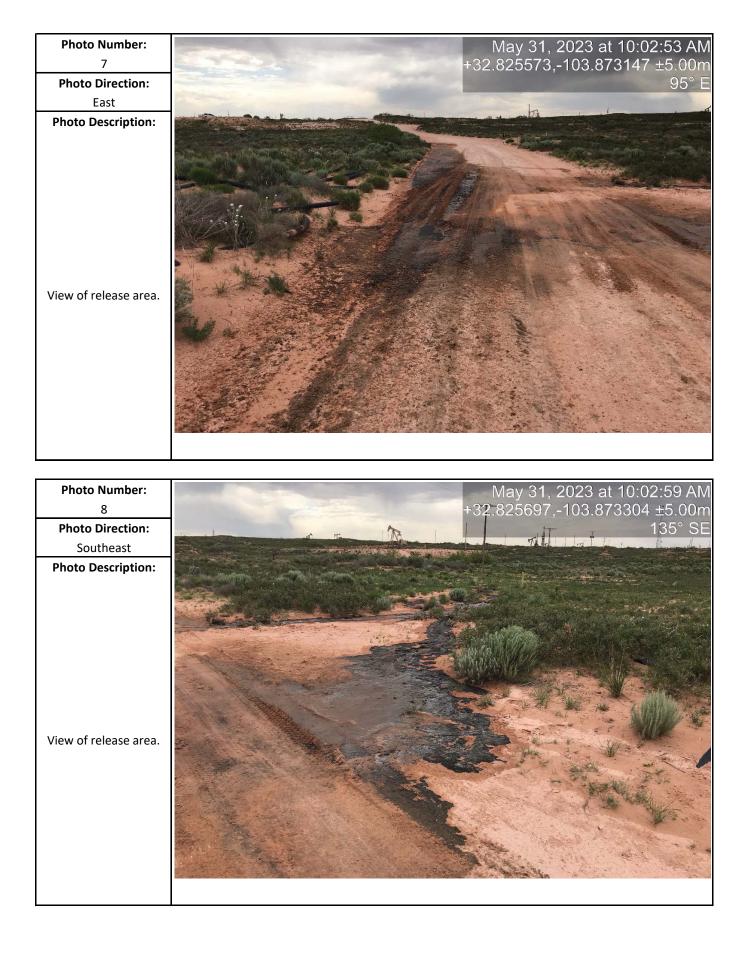
Photo Number:	May 31, 2023 at 10:24:22 AM +32.826039,-103.870564 ±5.00m 318° NW
1 Dhata Dinastiana	+32.826039,-103.870564 ±5.00m
Photo Direction:	318 NW
Northwest	- AND AND THE AND A MARTER
Photo Description: View of release area.	
Photo Number:	May 31, 2023 at 10:22:35 AM +32.826180,-103.871065 ±10.00m
2	+32.826180,-103.871065 ±10.00m
Photo Direction: West	291° W
Photo Description:	the second se
View of release area.	

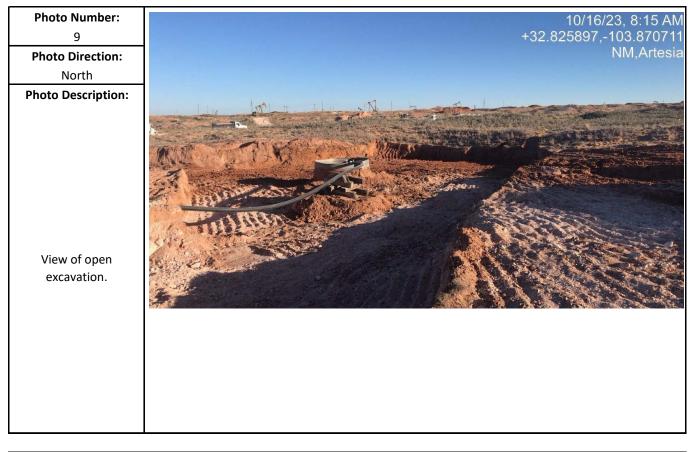
12 SE 1



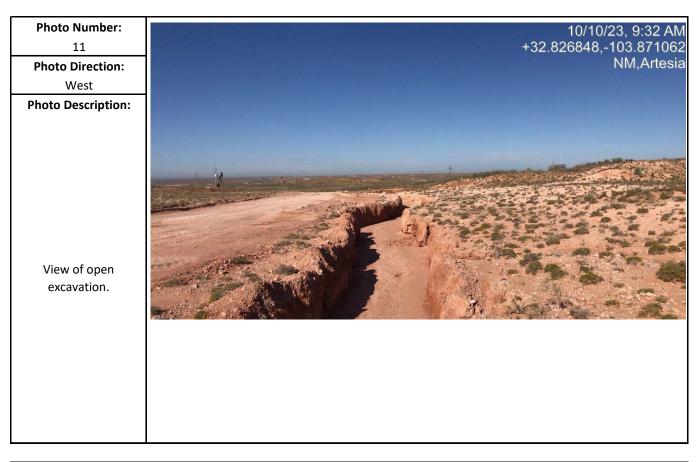












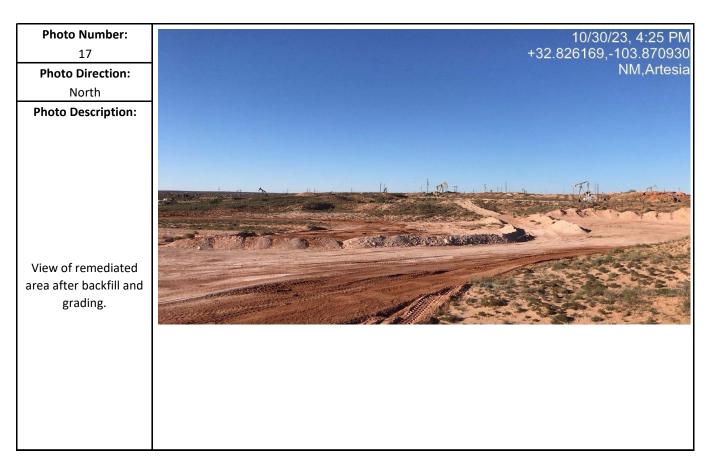


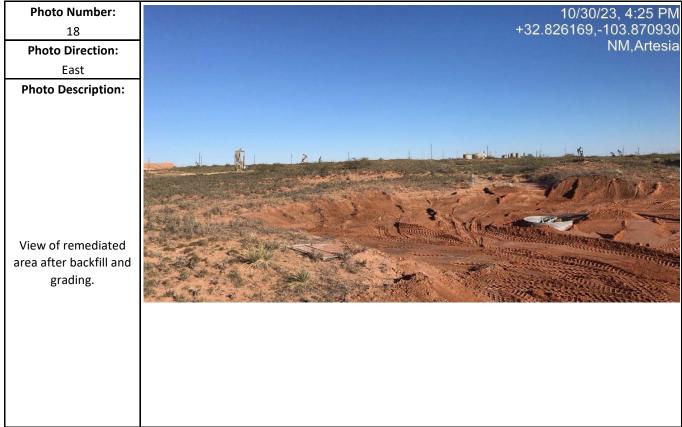


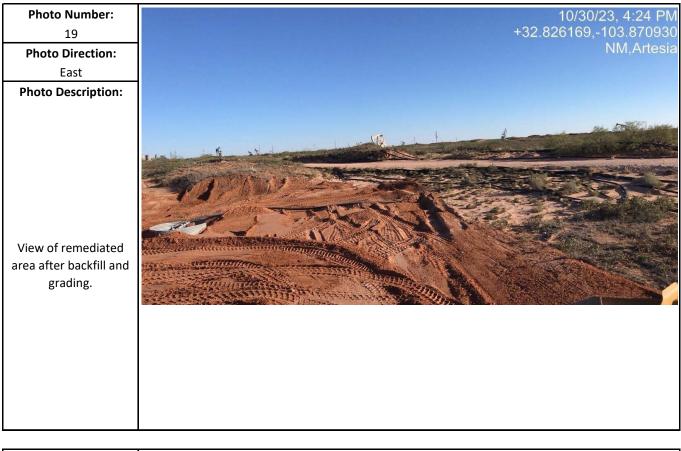




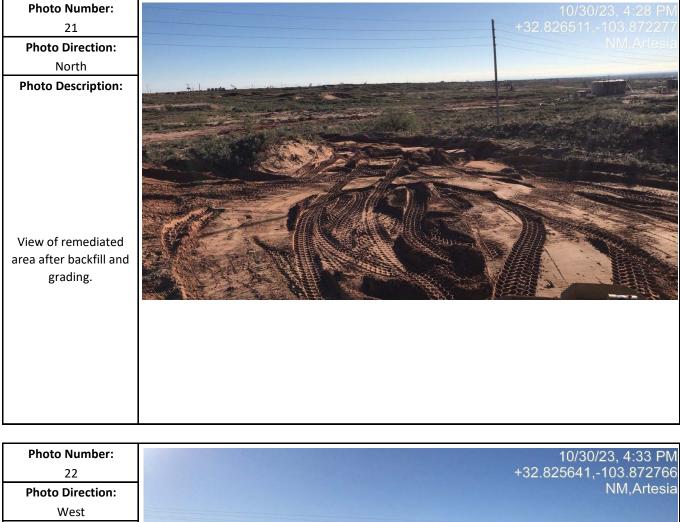












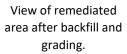
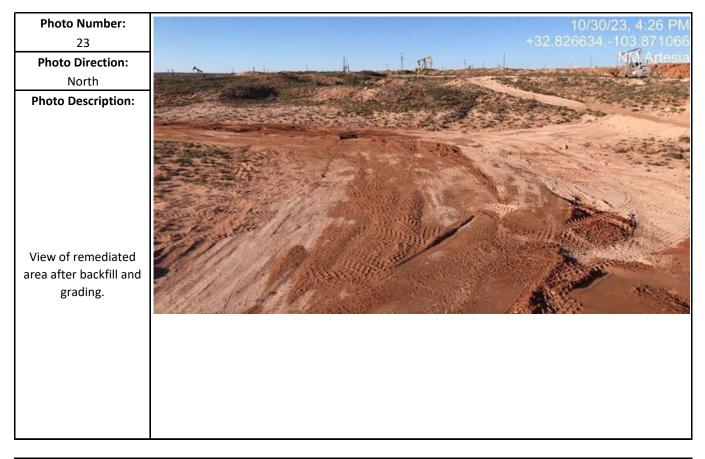


Photo Description:





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# **Appendix D Laboratory Analytical Reports**



October 10, 2023

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

RE: TIN HORN 73 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/04/23 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: FL #1 @ 4FT (H235412-01)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	210	105	200	0.123	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	220	110	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #2 @ 4FT (H235412-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	210	105	200	0.123	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	220	110	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #3 @ 4FT (H235412-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	210	105	200	0.123	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	220	110	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #4 @ 4FT (H235412-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	210	105	200	0.123	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	220	110	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #5 @ 4FT (H235412-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #6 @ 4FT (H235412-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #7 @ 4FT (H235412-07)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #8 @ 4FT (H235412-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #9 @ 4FT (H235412-09)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #10 @ 4FT (H235412-10)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.20	110	2.00	3.64	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	3.05	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.18	103	6.00	3.51	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	114 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	133 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #11 @ 4FT (H235412-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	120 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	140 9	49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #12 @ 4FT (H235412-12)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: SW 1 (H235412-13)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW 2 (H235412-14)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: NW 1 (H235412-15)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW 2 (H235412-16)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: EW 1 (H235412-17)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: EW 2 (H235412-18)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	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	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: WW 1 (H235412-19)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/06/2023	ND	432	108	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	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/03/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: WW 2 (H235412-20)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	216	108	200	3.49	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	212	106	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 \$	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 12/7/2023 10:16:01 AM



## **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FA		6	S			1	1. 2. 3.2	1				6							
Company Name: Spur Energy Partne	rs, LLC					B	ILL TO		16		1		ANA	YSIS	REQU	JEST			Г
Project Manager: Zach Conder			15	1	P.O. #	¥:													
Address: 2617 W Marland Blvd				0	Comp	any:	Spur		1			1						×	
City: Hobbs Sta	te: NM	Zip:	88240		Attn:	Kathy I	Purvis		1			1.							
Phone #: 575-396-2378 Fax	#: 575-396-142	9	in the	4	Addre	ss:	And and the section of	a nachiaiste a Nachiaiste a		and the second second	· · · ·	1							
Project #: 18274 Pro	ject Owner:	Spur En	ergy Partners,	LLC	City:	4*	Pin 20 departies The period Party	neg dile na kaolo	1										
Project Name: Tin Horn 73 Main Line	<u>x</u>			As	State:	NM	Zip:	Billing A	11	-	1.15		10						
Project Location: Rural Eddy				F	hone	e #:		Fex #1		D .			15						
Sampler Name: farm Kigs				F	ax #:			REA	A	Ethil	1.1		10						
FOR LAB USE ONLY			MATR	IX	PR	ESERV.	SAMPLI	NG	1										
Lab I.D. Sample I.I 비ఎ 3등년(ఎ	D.	(G)RAB OR (C)OMP # CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	SLUDGE	ACID/BASE:	ICE / COOL	D FT:	TIME	Chloride	ТРН	BTEX 8021								
1 FL# 1, @ 4F	f	X	X		T	X	10/3/23		X	X	X						-		
2 FL# 2. 6 4Ft	-	1	1			1	1	Ŧ	I	1	1								
3 FL # 3. @ 4 Ft																	-		
4 FL # 4. @ 4Ft								1.1											
5 FL # 5. @ 4Ft						-	111	1	1			1							
4 FL # 6. @ 4Ft																			
7 FL # 7. @ 4Ft																			
8 FL # 8. @ 4Ft						1 1		35				1							
9 FL # 9. @ 4Ft																			
IO FL # IO : C 4Ft PLEASE NOTE: Liability and Damages. Cardinal's liability and client's analyses. All claims including these sectors.		<u>"  </u>	V			V	U		V	0	U	1							
analyses. All claims including those for negligence and any other cau service. In no event shall Cardinal be liable for incidental or conseque	se whatsoever shall be deen	ed waived i	unless made in writin	a and rece	want hu (	Candinal with	hin 20 days offer of	moleting of the	and Backle	e									
affiliates or successors arising out of or related to the performance of Relinguished By:	services hereunder by Cardin	al, regardle	ss of whether such o	lain is bas	ed upon	any of the a	above stated reaso	ns or otherwise.	6										
Arrow Riss Relinquished By:	10-4-23 Time: 1620	Receive	Jana	ta.	k	Ud	ht	Phone Res Fax Result REMAR	t:	□ Yes □ Yes Email		No No s to	Add'l F		nv.com				
Delivered By: (Circle One)	#	40	Sample Cor			CHECK		1						1					
Sampler - UPS - Bus - Other:	le.Zc		Cool Inta	Yes		(Initi	als)												

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Received by OCD: 12/7/2023 10:16:01 AM



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1

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

Company Name	: Spur Energy Pa	artners, LLC	470					2	17	B	ILL TO					_			DE	QUES	T		
Project Manage	r: Zach Conder		-		-			P.0	). #:					1	1	T			J RE	LQUES	<u></u>		
Address: 261	7 W Marland Blvd							Co	mpa	nv:	Spur		1										
City: Hobbs		State: NM	Zi	p:	8824	0				Kathy	1	1	1.										
Phone #: 575	-396-2378	Fax #: 575-396-1					ie.		dres			del finte autoria al	1			ł							· .
Project #: 182	74	Project Owner:		our Ei	nergy P	artner	ILC		2.10	9.	la arcus pa l'a lo daise le	on true international per l'impression	1	1									
Project Name:	Tin Horn 73 Main Li	ne	1				а <b>с, — — —</b>		te: I	NM	Zip:	an an earl an	1			1	-						
Project Location		4							one			Fax Si	1	D N			10 18						
Sampler Name:	Aoron Rics	Å						Fax				REAL		1. 1923	1.1	1	1.7.10						
FOR LAB USE ONLY			Т	Т		MAT	RIX	-		SERV	SAMPL	NG	1			1							
Lab I.D. H23 <i>541</i> 2	Sample	ə I.D.	G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	OIL SLUDGE	OTHER :	ACID/BASE:	ICE / COOL OTHER : -	DATE	TIME	Chloride	ТРН	BTEX 8021		-10						
	FL#11 624	l Ft	Ťx	#	0 5	X	0 0	0		2 O K	10/3/23	Contraction of the local division of the loc	X		the state of the s	+	+			+	<u> </u>	┝──┼	
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13	FL# 12 @ 4 Sw1,		Ħ	H									$\mathbb{H}$	++	$\left  \right $	-						$\vdash$	
14	Sw2.		Ħ	H										++	++	1	-			<u> </u>			
	NW I.		Ħ	Π									$\mathbb{H}$		$\vdash$	-					<u> </u>		
16	NW 2.		Ħ	Π						-1			H		++	-						$\vdash$	
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	ww2.		V	Π		V			6	1	U		V	V	10	F							
	Damages. Cardinal's liability and those for negligence and any oth													bla		-	-						
iffiliates or successors arising	g out of or related to the performan												is,			1							
Relinquished By:		Date: 10-4-23	Re	ceiv	ed By					M	111	Phone Res		□ Ye		No		hone #	:			_	
Anna Diza	7	Timer			h	111	3/4/	11	4	14	alla	Fax Result		Yes		No	Add'I F						N.
Relinquished By:	)	Date:	Re	ceiv	ed By:	ill	na	a	e	acq	eg	IL MAR	ING.	LIIIdii	lesui	S IU	pm@	eteche	env.co	m			-
		Time:	-							4*	-												
Delivered By:	(Circle One)	k.					-					4	¥										
$\frown$		4	4/4	6		ple C	ondition tact	on	CI	HECKI (Initi	ED BY: als)	,											
ampler - UPS -	Bus - Other:	- 6.2°				Yes No	Yes	1	5	7.8			A										

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Received by OCD: 12/7/2023 10:16:01 AM



October 10, 2023

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

RE: TIN HORN 73 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/04/23 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW 3 (H235414-01)

BTEX 8021B	mg	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW 4 (H235414-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW 5 (H235414-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW 6 (H235414-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW 7 (H235414-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW 8 (H235414-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	4.23	
Toluene*	<0.050	0.050	10/06/2023	ND	2.11	105	2.00	4.40	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	3.97	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.00	100	6.00	3.65	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW 3 (H235414-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW 4 (H235414-08)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW 5 (H235414-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW 6 (H235414-10)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW 7 (H235414-11)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW 8 (H235414-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL #13 @ 4FT (H235414-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	91.6	48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 %	6 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL #14 @ 4FT (H235414-14)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #15 @ 4FT (H235414-15)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #16 @ 4FT (H235414-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1860	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	<i>49.1-14</i>	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL #17 @ 4FT (H235414-17)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #18 @ 4FT (H235414-18)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL #19 @ 4FT (H235414-19)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #20 @ 4FT (H235414-20)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	213	107	200	0.466	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	119	200	0.173	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL #21 @ 4FT (H235414-21)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	193	96.4	200	6.10	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	193	96.6	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL #22 @ 4FT (H235414-22)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	193	96.4	200	6.10	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	193	96.6	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL #23 @ 4FT (H235414-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	193	96.4	200	6.10	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	193	96.6	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.7	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #24 @ 4FT (H235414-24)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	193	96.4	200	6.10	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	193	96.6	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #25 @ 4FT (H235414-25)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	193	96.4	200	6.10	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	193	96.6	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #26 @ 4FT (H235414-26)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.27	114	2.00	6.00	
Toluene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.15	103	6.00	1.81	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	193	96.4	200	6.10	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	193	96.6	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW 9 (H235414-27)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	0.535	
Toluene*	<0.050	0.050	10/05/2023	ND	2.11	105	2.00	0.401	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	0.844	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.15	102	6.00	0.385	
Total BTEX	<0.300	0.300	10/05/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	193	96.4	200	6.10	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	193	96.6	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/04/2023	Sampling Date:	10/04/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW 9 (H235414-28)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.00	100	2.00	2.21	
Toluene*	<0.050	0.050	10/06/2023	ND	1.97	98.3	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.04	102	2.00	0.135	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.14	102	6.00	0.473	
Total BTEX	<0.300	0.300	10/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	193	96.4	200	6.10	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	193	96.6	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

 $F_{1}$ 

Company Name: Spur Energy Partners, LLC Project Manager: Zach Conder							ILL TO			1			ANA	I YSI	S PE	QUES	т	
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tity: Hobbs State: NM	Zip:	882	240			: Kathy	-		1									
hone #: 575-396-2378 Fax #: 575-396	-1429			6. I		ress:	a constitue di s											
roject #: 18274 Project Owner:	Spur	Energy	y Partner	\$ 110		i. at	l e ar h-dira. I e ar h-dira.	by the states of		it.								
roject Name: Tin Horn 73 Main Line			, i ururur	O, ELO		e: NM	7100	er Las Ali		1.1								
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ampler Name: Aaron Rios		_			1	ne #:		Ren	1	1.1		ł	1					
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ISE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for ses. All claims including those for negligence and any other cause whatsoever shall be e. In no event shall Cardinal be liable for incidental or consequental damages, including tes or successors arising out of or related to the performance of services hereander by		00 011000 1	made in with	ing and re	ceived by	Cardinal with	hin 30 days after col	mpletion of the ar	pplicable					-				 _
tes or successors arising out of or related to the performance of services hereunder by ( linguished By:	ardinal, rega	rdless of w	hether such	claim is b	s of use, ased upo	or loss of prot in any of the i	its incurred by clien above stated reason	t, its subsidiaries, is or otherwise.										
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manage	e: Spur Energy Pa	2101010, 220			1		1		E			BILL TO						AN	ALYS	SIS F	REOI	IFST			-
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Phone #: 575	5-396-2378	Fax #: 575-396-1	429	28	5.		141			ddre		Salar rai az	I take tiper personal		-					1					
roject #: 182	274	Project Owner:	Sp	ur Er	nergy	/ Partr	ners	, LLC	-	1. 100	235 22	1 10 20 355 C	ल हम संग्र												
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OR LAB USE ONLY				Π		MA	ATR	IX	_	-	SER	V. SAMP	ING	-											
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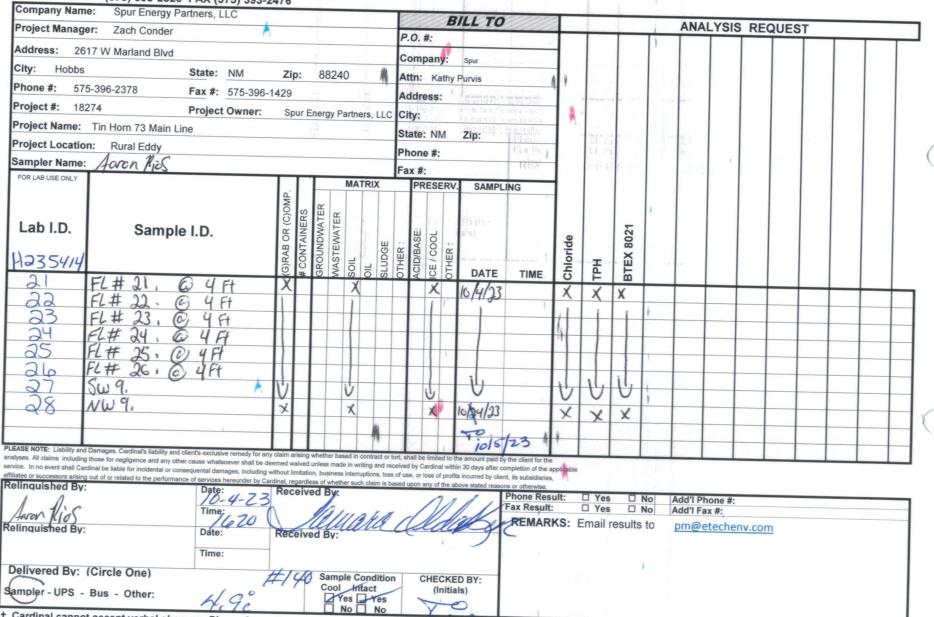
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Page 32 of 33

Received by OCD: 12/7/2023 10:16:01 AM



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



† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Received by OCD: 12/7/2023 10:16:01 AM



October 11, 2023

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

RE: TIN HORN 73 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/05/23 16:26.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL #28 @ 4FT (H235440-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2023	ND	2.01	101	2.00	1.83	
Toluene*	<0.050	0.050	10/08/2023	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	10/08/2023	ND	2.13	107	2.00	6.07	
Total Xylenes*	<0.150	0.150	10/08/2023	ND	6.47	108	6.00	6.56	
Total BTEX	<0.300	0.300	10/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: FL #29 @ 4FT (H235440-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2023	ND	2.01	101	2.00	1.83	
Toluene*	<0.050	0.050	10/08/2023	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	10/08/2023	ND	2.13	107	2.00	6.07	
Total Xylenes*	<0.150	0.150	10/08/2023	ND	6.47	108	6.00	6.56	
Total BTEX	<0.300	0.300	10/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: FL #30 @ 4FT (H235440-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2023	ND	2.01	101	2.00	1.83	
Toluene*	<0.050	0.050	10/08/2023	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	10/08/2023	ND	2.13	107	2.00	6.07	
Total Xylenes*	<0.150	0.150	10/08/2023	ND	6.47	108	6.00	6.56	
Total BTEX	<0.300	0.300	10/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	78.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: FL #31 @ 4FT (H235440-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2023	ND	2.01	101	2.00	1.83	
Toluene*	<0.050	0.050	10/08/2023	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	10/08/2023	ND	2.13	107	2.00	6.07	
Total Xylenes*	<0.150	0.150	10/08/2023	ND	6.47	108	6.00	6.56	
Total BTEX	<0.300	0.300	10/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: FL #32 @ 4FT (H235440-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2023	ND	2.01	101	2.00	1.83	
Toluene*	<0.050	0.050	10/08/2023	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	10/08/2023	ND	2.13	107	2.00	6.07	
Total Xylenes*	<0.150	0.150	10/08/2023	ND	6.47	108	6.00	6.56	
Total BTEX	<0.300	0.300	10/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #33 @ 4FT (H235440-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: FL #34 @ 4FT (H235440-07)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #35 @ 4FT (H235440-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #36 @ 4FT (H235440-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW 10 (H235440-10)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/06/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	201	100	200	1.38	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	220	110	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: NW 10 (H235440-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: EW 3 (H235440-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.3	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: EW 4 (H235440-13)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: EW 5 (H235440-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: EW 6 (H235440-15)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	74.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: EW 7 (H235440-16)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: EW 8 (H235440-17)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: WW 3 (H235440-18)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: WW 4 (H235440-19)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	75.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.4	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: WW 5 (H235440-20)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: WW 6 (H235440-21)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: WW 7 (H235440-22)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.2	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: WW 8 (H235440-23)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/05/2023	Sampling Date:	10/05/2023
Reported:	10/11/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: FL #27 @ 4FT (H235440-24)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.81	
Toluene*	<0.050	0.050	10/07/2023	ND	1.98	98.8	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.89	94.5	2.00	3.10	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.64	94.0	6.00	3.94	
Total BTEX	<0.300	0.300	10/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/09/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	145	72.4	200	0.0913	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	163	81.3	200	0.709	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	71.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.4	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

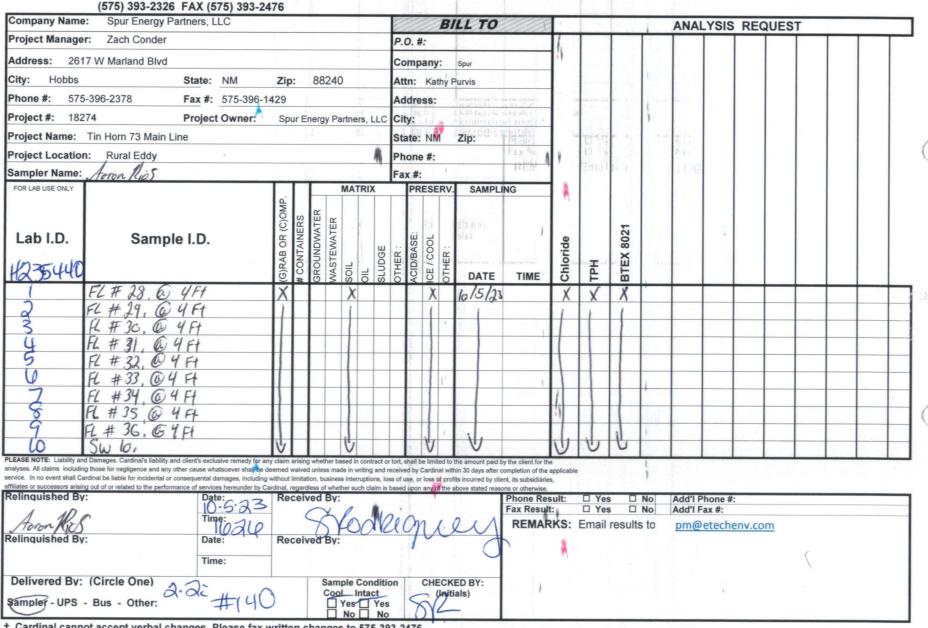
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240



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Received by OCD: 12/7/2023 10:16:01

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

Company Name:		artners, LLC							B	ILL TO						AN	IAL	YSIS	RE	QUE	ST	
Project Manager	Zach Conder						P.	0. #:	- 1											T		
Address: 2617	7 W Marland Blvd						c	ompa	ny:	Spur		1										
City: Hobbs		State: NM	Zip:		88240			14	-	Purvis		1										
Phone #: 575-	396-2378	Fax #: 575-396-1	429	2		1.2%	A	ddres	s:  '	-	ne inac anti-inspe	1	-	1	1. 10							
Project #: 1827	74	Project Owner:	Spu	r Ene	erav Pa	tners, LL		ity:		to Bilanca's	28.316.317.813	1			1							
Project Name:	Tin Horn 73 Main Li					1.		ate:	NM	Zip:		1	antipper r.	and a								
Project Location:								none	1	p.	Prons Pax Re		E d		1	i i						
Sampler Name:	Aoron Nies							ix #:			REA		Engl	a se	1.4	11						
FOR LAB USE ONLY		A	П	T	1	ATRIX	1. 4	-	SERV	SAMPL	NG				1							
Lab I.D. HQ 35440	Sample	e I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SolL SolL	OTHER :	ACID/BASE:	ICE / COOL	DATE	4 TIME	Chieride	TPH	BTEX 8021								
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15	EW 6,														1							
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PLEASE NOTE: Liability and I	Damages, Cardinal's liability and	d client's exclusive remedy for an	v claim ar	rising w	whether bas	ed in contract	or tort	shall be	imited to	the amount noid b	u the client for the	V		10	-							
analyses. All claims including	those for negligence and any ot	her cause whatsoever shall be d onsequental damages, including	eemed wa	aived u	inless made	e in writing and	receiv	ed by Ca	rdinal wi	thin 30 days after o	ompletion of the	amplical	ble									
affiliates or successors arising Relinquished By:	out of or related to the performa	ance of services hereunder by Ca	ardinal, rec	gardles	ss of wheth	er such claim	s base	d upon ar	ny of the	above stated reaso	ns or otherwise.	1							_			
	-	Date: 10.6.23	C	1	ed By:	10			T		Phone Res Fax Result		Yes		No No		'l Ph	one # x #:				
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

#### Company Name: Spur Energy Partners, LLC BILL TO ANALYSIS REQUEST Project Manager: Zach Conder P.O. #: Address: 2617 W Marland Blvd Company: Spur City: Hobbs State: NM 88240 Zip: Attn: Kathy Purvis Phone #: 575-396-2378 Fax #: 575-396-1429 Address: Project #: 18274 Project Owner: Spur Energy Partners, LLC City: Project Name: Tin Horn 73 Main Line State: NM Zip: Project Location: Rural Eddy Phone #: Sampler Name: foron tics Fax #: FOR LAB USE ONLY MATRIX PRESERV. SAMPLING G)RAB OR (C)OMP SROUNDWATER VASTEWATER 8021 ш Lab I.D. Sample I.D. CID/BASE: CE / COOI Chloride SLUDGE CONT DTHER **DTHER** BTEX HdT 1235440 OIL 110 DATE TIME WW dl 6 10/5/23 X X X X × 22 WW 7 X X X × WW 8. 23 L × × ł FL# 27. au Q 4FI X X X 10/5/23 X X × 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 consequental 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 reasc Relinguished By: ns or otherwise Date: 10523 Received By: Phone Result: □ Yes Add'l Phone #: □ No □ Yes Fax Result: □ No Add'l Fax #: Time Acren Tics **REMARKS:** Email results to pm@etechenv.com Relinguished By: Date: Time: Delivered By: (Circle One) Sample Condition CHECKED BY: 2.2i Cool Intact (Initials) Sampler - UPS - Bus - Other: Yes Yes

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12/7/2023 10:16:01

Received by OCD:



October 16, 2023

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

RE: TIN HORN 73 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/11/23 15:56.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 69. @ 2FT (H235546-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	32.0	16.0	10/12/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 70. @ 2FT (H235546-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/12/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	120 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	141 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: FL # 71. @ 3FT (H235546-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/12/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	119 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	140 \$	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 72. @ 3FT (H235546-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/12/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	117 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 9	49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 73. @ 2FT (H235546-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/12/2023	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	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	116 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 74. @ 2FT (H235546-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/12/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	120 % 48.2-13		4						
Surrogate: 1-Chlorooctadecane 142 %		49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 75. @ 3FT (H235546-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	71.5-134						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/12/2023 ND		416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	ogate: 1-Chlorooctane 118 % 48.2-12		4						
Surrogate: 1-Chlorooctadecane 139		% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 76. @ 3FT (H235546-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/12/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	hlorooctane 116 % 48.2-1.		4						
Surrogate: 1-Chlorooctadecane 138 % 49.1-1		8							

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

### Sample ID: EW 10. (H235546-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	rogate: 4-Bromofluorobenzene (PID 103 % 71.5-13		4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/12/2023 ND		416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	rrogate: 1-Chlorooctane 111 % 48.2-1		4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/11/2023	Sampling Date:	10/11/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: SW 14. (H235546-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2023	ND	1.94	97.2	2.00	1.64	
Toluene*	<0.050	0.050	10/12/2023	ND	1.90	95.0	2.00	0.0988	
Ethylbenzene*	<0.050	0.050	10/12/2023	ND	1.98	99.2	2.00	0.796	
Total Xylenes*	<0.150	0.150	10/12/2023	ND	5.76	95.9	6.00	1.28	
Total BTEX	<0.300	0.300	10/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	ogate: 4-Bromofluorobenzene (PID 107 % 71.5-12		4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/12/2023 ND		416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2023	ND	176	88.0	200	1.14	
DRO >C10-C28*	<10.0	10.0	10/12/2023	ND	201	101	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2023	ND					
Surrogate: 1-Chlorooctane	pgate: 1-Chlorooctane 117 % 48.2-1.		4						
Surrogate: 1-Chlorooctadecane 137 % 49.1		% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

Page

101 East Marland, Hobbs, NM 88240

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

Company Name:	Etech Environmental	& Safety Solu	and the second se	Inc.							31	1410		Ą	1	61.1		ANA	LYSIS	S RE	QUE	ST		1.1.1
Project Manager:	Zock Conder		*					Ρ.	.0. #	tr i		i prima la	-		2.	e Favor - St		14	1					
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City: Hobbs		State: NM	Zip:	8824	40							Purus	a selfire same (see a sec.)		T <sub>an</sub>					2.1			100	11
Phone #: (575)	264-9884	Fax #:							ddre		1	- de -	dan Karana ang sa ta' ng K	1		- 2	-	78						
Project #: 1827	4	Project Owne	r: SR	re	1491	Roll	nost	u c	ity:	1	8	a dispersion of	101    100   100    1 2]    10    10    10		1	1		ini						
Project Name: 7	n Horn 73 Main (	ine			1	·		S	tate:			Zip:	politi he recent to	e	5M)	21B					2.1			
Project Location:	Rural Edely							P	hon	e #:	645	in the start of	Projection	Chloride	TPH (8015M)	BTEX (8021B)				64		() - I		- <u>`</u> 2
Sampler Name:	Acron Rias							Fa	ax #				Fix Cash Firmary	- E	H	X	Pd.	110		1 ° -		$\sim 10^{-1}$		
FOR LAB USE ONLY						MAT	RIX		PR	ESEI	RV.	SAMPL	ING	1	14				1.1					
H735546 Lab I.D.	Sample I.I	<b>D</b> .	G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHFR ·	ACID/BASE:	CE / COOL	OTHER :	DATE	Higgeo TIME				13	1						
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analyses. All claims including service. In no event shall Ca affiliates or successors arisin	d Damages. Cardinal's liability and client g those for negligence and any other ca rdinal be liable for incidental or consequ g out of or related to the performance o	use whatsoever shall bu uental damages, includi If services hereunder by	e deerned ng without Cardinal,	l waived t limitati regard	l unless r on, busin less of w	nade in ess inte nether s	writing rruption	and real	ceived of use	oy Card or loss	inal wi of pro	ithin 30 days after ofits incurred by	er completion of the client, its subsidiate easons or otherwise	he applica ries, se.										
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October 18, 2023

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

RE: TIN HORN 73 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/12/23 16:42.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 77 @ 2FT (H235594-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	69.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 78 @ 2FT (H235594-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.2	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 79 @ 2FT (H235594-03)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	70.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.5	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 80 @ 2FT (H235594-04)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	65.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	54.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 81 @ 2FT (H235594-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	67.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.3	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 82 @ 2FT (H235594-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	66.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	55.6	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 83 @ 2FT (H235594-07)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	55.6	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 84 @ 2FT (H235594-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	66.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	55.2	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 85 @ 2FT (H235594-09)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	68.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.3	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 86 @ 2FT (H235594-10)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	190	94.9	200	1.08	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	175	87.4	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	60.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.3	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 87 @ 4FT (H235594-11)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	188	94.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	199	99.7	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	74.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/12/2023
Reported:	10/18/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 88 @ 4FT (H235594-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2023	ND	1.95	97.6	2.00	1.43	
Toluene*	<0.050	0.050	10/15/2023	ND	1.97	98.6	2.00	2.34	
Ethylbenzene*	<0.050	0.050	10/15/2023	ND	2.01	101	2.00	1.52	
Total Xylenes*	<0.150	0.150	10/15/2023	ND	6.03	101	6.00	1.74	
Total BTEX	<0.300	0.300	10/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	10/16/2023	ND	448	112	400	3.51	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2023	ND	188	94.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	199	99.7	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

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

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

(575) 393-2326 FAX (575) 393-2476 Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Zarv C			DDY AND ANALYSIS REQUE
	BILL TO	K I HA	and a second
Address: P.O. Box 301	P.O. #:		ANALYSIS REQUEST
Sity: Lovington State: NM Zin: 88260	Company: SPUT		COO REQUEST
Hone # (575) 200 00000	Attn: Kathy PUIVIS		
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impler Name: Aoron Riss	zip.	STB SM)	
DR LAB USE ONLY	Fnone #: Fax #:	801 801	
MATRI		Chloride TPH (8015M) BTEX (8021B)	
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4 FL #80. @2Ft			
5 176 #81. 61 7 Ft			
6 FC #82 @ 7 Et			
1 12 # 83. @ 24			
0 7 7 7 89. 0 ) Ft			
9 FL # 85.@ 2 Ft			
10 FL # 86, @ 2 FL			
Offic: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract is claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and successors arising out of or related to the performance of services negrices including without limitation, business intervolves intervolves that are an exclusion of or related to the performance of services negrices negrices intervolves intervolves.	VU		
il claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and no event shall Cardinal be liable for incidental or consequentiat damages, including without limitation, business interruptions, la accessions attaining out of or related to the performance of services hereunder by Cardinal, regardiess dywhether such claim <b>uished By:</b> Date: 12, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 3, 2, 3, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	ort, shall be limited to the amount paid by the clie aceived by Cardinal within 30 days after comologic	nit for the	
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Page 15 of 16



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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101 East Marland, Hobbs, NM 88240

Company Name: Spur Energy Partners, LLC	476		1 Alexandre		1									
Project Manager: Zach Conder				BILL TO			1	1.1	1	ANA	I VSIS	REQU	FOT	
Address: 2617 W Marland Blvd		4	P.O. #:							T		REQU	291	 
City: Hobbs State: NM	-		Company:	Spur					1					
Chone #	Zip:	88240	Attn: Kath	y Purvis	-									
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roject Location: Rural Eddy			State: NM	Zip:	Pinne.				3.4					
ampler Name: Aman files		1	Phone #:		Fexler		Ŭ Y			ALC: Y				
FOR LAB USE ONLY	T T		Fax #:	3400 - S	REAL	1	Eit a	120		170				
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SE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any or es. All claims including those for negligence and any other cause whatsoever shall be deer . In no event shall Cardinal be liable for incidental or conservented decenses in the deer			12							-		_		
a content background backgroun	ned waived u	whether based in contract or tor inless made in writing and rece	t, shall be limited to th ived by Cardinal withi	ne amount paid by th n 30 days after com	e client for the	+								
	hal, regardles	ss of whether such claim is bas	f use, or loss of profit ed upon any of the ab	s incurred by client, i	ts subsidiaries,	plicable								
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pler - UPS - Bus - Other: 4.0c	140	Cool Intact Yes Yes No No	CHECKEI (Initial	BY:				1						

Page 16 of 16



October 24, 2023

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

RE: TIN HORN 73 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/18/23 15:11.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

## Sample ID: FL # 89. @ 1 FT (H235704-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg Analyzed By: AC			d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	0						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 90. @ 1 FT (H235704-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 91. @ 1 FT (H235704-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 92. @ 1 FT (H235704-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.4	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 93. @ 1 FT (H235704-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 94. @ 1 FT (H235704-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 95. @ 1 FT (H235704-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 96. @ 1 FT (H235704-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 97. @ 1 FT (H235704-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 98. @ 1 FT (H235704-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 99. @ 2 FT (H235704-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 100. @ 2 FT (H235704-12)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: NW 14. (H235704-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW 15. (H235704-14)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/17/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW 15. (H235704-15)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.1	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

#### Cardinal Laboratories

#### \*=Accredited Analyte

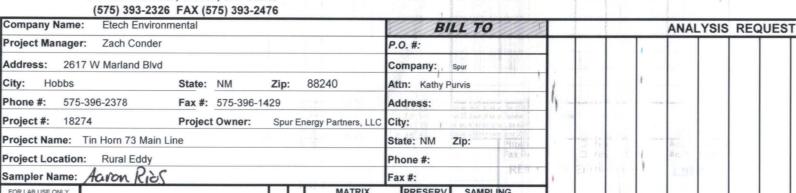
Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240



Project Location	n: Rural Eddy						Pho	one #:		TRACES				1	14.5				/	
Sampler Name:	Aaron Rids						Fax	#:		RET	1	2114.58		1	1.10					
FOR LAB USE ONLY					MATE	IX		PRESERV	SAMPL	ING	1			1						
H235704 Lab I.D.	Sample I.D.	Å	(G)RAB OR (C)OMP	CONTAINERS	GROUNDWATER WASTEWATER SOIL	SLUDGE	OTHER :	ACID/BASE: ICE / COOL OTHER :	10 - 17; 315		Chloride	ТРН	BTEX 8021		(acc.)					
	FL#89. @ IF+		0 Y	#		SLL	5	V D D	DATE	TIME/	1°	F X			-	$\left  \right $	<u> </u>	<u> </u>	$\vdash$	⊢
2	FL # 90, @ 1Ft		î		i		1	1	141/120			î	1	-						$\vdash$
3	FL #91, @1Ft										1 ľ	T	$\square$							
Ŭ	FL # 92, @ IFt									-			11							
5	R # 93, @ 1Ft																			
6	FL # 94, @ IFt									1										
7	FL # 95. @ IFt																			
8	FL # 96, @ 1Ft																			
?	FL # 97. @ IFt							I	11					+						
lu	FL # 98. @ IFt		V		V			V	V	1.1.	N	14	1							

THU I

U FC # 98. C IFI PLEASE NOTE: Liability and Damages. Cardina'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 consequental 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

Relinquished By:	Date: 10-18-23	Received By:	Phone Result: Fax Result:	□Yes □No □Yes □No	Add'l Phone #: Add'l Fax #:
Relinquished By:	Time: [5:1] Date:	Received By:	REMARKS:	Email results to	pm@etechenv.com
Aaron Rios	Time:	4	41		
Havow 701 of Delivered By: (Circle One) Sampler - UPS - Bus - Other:	-7.5°°	Sample Condition     CHECK       Cool     Intact     (Init       ☐     Yes     Yes       ☐     No     No			

**†** Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Received by OCD: 12/7/2023 10:16:01 AM

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Page 18 of



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

		FAX (575) 393-24	476		i have		1			1			1.					
Company Nam	e: Etech Environn	nental				B	ILL TO	EUX ()	1				ANA	LYSIS	REQU	EST		
Project Manage	er: Zach Conder				P.O. #:			I	η									
Address: 26	17 W Marland Blvd				Compa	ny:	Spur											
City: Hobbs		State: NM	Zip: 88240		Attn:	Kathy	Purvis	1 m					1.0					
Phone #: 57	5-396-2378	Fax #: 575-396-1	429		Addres	s:	monary for the participation	1		a estimation of the	-	-	and a					
Project #: 18	274	Project Owner:	Spur Energy Partners,	LLC	City:	4	and figures.					1						
Project Name:	Tin Horn 73 Main Li	ine			State:	NM,	Zip:	T-hus		ne la	11		15					
Project Locatio	n: Rural Eddy				Phone	#:		Fax Fil	1	2.0	1.1	ł	6.1					
Sampler Name:	Aaron Riss				Fax #:			RGT -	4	ENDER	200		2310					
FOR LAB USE ONLY			MATRI	X	PRE	SERV	. SAMPL	ING	1									
H13570 Lab I.D.	Sampl	e I.D.	OR (C)OMP AINERS DWATER WATER		SE	0F	ib 14 Vst		e		8021	ł						
			(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE	OTHER : ACID/BASE	ICE / COOL OTHER :	and the second division of the second divisio	TIME	Chloride	ТРН	BTEX 8	1.00	bert (* 1					
	FL# 99. @ 2 FL# 100. @ 2	,FI	XX			X	10/17/23		X	X	×							
2	FL# 100. 6 2	VFf 🐧	X X			<			<	X	X				· ·			_
13	NW 14.		XX			2			X	×	×	L	<u> </u>					_
14	NW IS.	- F	X X	-		<b>X</b>	V	,	X	×	×							
15	Sw 15.		X X	-		2	10/17/23		¥	X	×	-						_
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analyses. All claims includ service. In no event shall (	ing those for negligence and any o Cardinal be liable for incidental or o	ther cause whatsoever shall be d consequental damages, including	ny claim arising whether based in cor deemed waived unless made in writin y without limitation, business interrupt ardinal, regardless of whether such o	ng and r tions, lo	received by Ca iss of use, or li	ardinal wi	thin 30 days after ofits incurred by cli	completion of the ent, its subsidiarie	applicable			1						
Relinquished B		Date:	Received By:			j'		Phone Re Fax Resul		Yes		No No	Add'l Add'l	Phone # Fax #:	:			
MATA/	m	Time: 15:11	DH :::	1 -	/			REMA	RKS:	Email	result	s to	pm@	etech	env.com			
Relinquished B	V:	Date:	Received By:	P					1									
Arrenkies		Time:				ſ												
	: (Circle One) - Bus - Other:	-7.5	Sample Co Cool Inta ↓ 140 □ Yes No □	act	-		(ED BY: tials)		,			1						
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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Received by OCD: 12/7/2023 10:16:01 AM



October 25, 2023

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

RE: TIN HORN 73 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/19/23 16:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL #101 @ 3FT (H235744-01)

BTEX 8021B	mg,	/kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2023	ND	2.15	107	2.00	0.974	
Toluene*	<0.050	0.050	10/23/2023	ND	2.16	108	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/23/2023	ND	2.22	111	2.00	3.28	
Total Xylenes*	<0.150	0.150	10/23/2023	ND	6.41	107	6.00	4.45	
Total BTEX	<0.300	0.300	10/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #102 @ 3FT (H235744-02)

BTEX 8021B	mg/	kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2023	ND	2.15	107	2.00	0.974	
Toluene*	<0.050	0.050	10/23/2023	ND	2.16	108	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/23/2023	ND	2.22	111	2.00	3.28	
Total Xylenes*	<0.150	0.150	10/23/2023	ND	6.41	107	6.00	4.45	
Total BTEX	<0.300	0.300	10/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #103 @ 3FT (H235744-03)

BTEX 8021B	mg/	′kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2023	ND	2.15	107	2.00	0.974	
Toluene*	<0.050	0.050	10/23/2023	ND	2.16	108	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/23/2023	ND	2.22	111	2.00	3.28	
Total Xylenes*	<0.150	0.150	10/23/2023	ND	6.41	107	6.00	4.45	
Total BTEX	<0.300	0.300	10/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #104 @ 3FT (H235744-04)

BTEX 8021B	mg/	'kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2023	ND	2.15	107	2.00	0.974	
Toluene*	<0.050	0.050	10/23/2023	ND	2.16	108	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/23/2023	ND	2.22	111	2.00	3.28	
Total Xylenes*	<0.150	0.150	10/23/2023	ND	6.41	107	6.00	4.45	
Total BTEX	<0.300	0.300	10/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #105 @ 2FT (H235744-05)

BTEX 8021B	mg/	'kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2023	ND	2.15	107	2.00	0.974	
Toluene*	<0.050	0.050	10/23/2023	ND	2.16	108	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/23/2023	ND	2.22	111	2.00	3.28	
Total Xylenes*	<0.150	0.150	10/23/2023	ND	6.41	107	6.00	4.45	
Total BTEX	<0.300	0.300	10/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	97.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #106 @ 2FT (H235744-06)

BTEX 8021B	mg/	'kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2023	ND	2.15	107	2.00	0.974	
Toluene*	<0.050	0.050	10/23/2023	ND	2.16	108	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/23/2023	ND	2.22	111	2.00	3.28	
Total Xylenes*	<0.150	0.150	10/23/2023	ND	6.41	107	6.00	4.45	
Total BTEX	<0.300	0.300	10/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #107 @ 2FT (H235744-07)

BTEX 8021B	mg/	′kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2023	ND	2.15	107	2.00	0.974	
Toluene*	<0.050	0.050	10/23/2023	ND	2.16	108	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/23/2023	ND	2.22	111	2.00	3.28	
Total Xylenes*	<0.150	0.150	10/23/2023	ND	6.41	107	6.00	4.45	
Total BTEX	<0.300	0.300	10/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500Cl-B	loride, 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	10/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #108 @ 2FT (H235744-08)

BTEX 8021B	mg/	′kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2023	ND	2.15	107	2.00	0.974	
Toluene*	<0.050	0.050	10/23/2023	ND	2.16	108	2.00	5.19	
Ethylbenzene*	<0.050	0.050	10/23/2023	ND	2.22	111	2.00	3.28	
Total Xylenes*	<0.150	0.150	10/23/2023	ND	6.41	107	6.00	4.45	
Total BTEX	<0.300	0.300	10/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/23/2023	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	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	100 \$	48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #109 @ 2FT (H235744-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2023	ND	2.18	109	2.00	1.20	
Toluene*	<0.050	0.050	10/21/2023	ND	2.25	112	2.00	1.03	
Ethylbenzene*	<0.050	0.050	10/21/2023	ND	2.25	112	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/21/2023	ND	6.64	111	6.00	0.0904	
Total BTEX	<0.300	0.300	10/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500Cl-B	OCI-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	10/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/19/2023	Sampling Date:	10/18/2023
Reported:	10/25/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL #110 @ 2FT (H235744-10)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2023	ND	2.18	109	2.00	1.20	
Toluene*	<0.050	0.050	10/21/2023	ND	2.25	112	2.00	1.03	
Ethylbenzene*	<0.050	0.050	10/21/2023	ND	2.25	112	2.00	0.273	
Total Xylenes*	<0.150 0.150		10/21/2023	ND	6.64	111	6.00	0.0904	
Total BTEX	<0.300	0.300	10/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/23/2023	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	10/23/2023	ND	220	110	200	1.73	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	209	104	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	o						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### **Cardinal Laboratories**

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

		FAX (575) 393-247	6		_	-	-		11	00	BI	LL TO						ANA	LYSIS	S RE	QUES	Т			
Company Name:		entai	1					P	2.0.1	#:															
Project Manager:		13			-			-	om	-		Spur								1					
Address: 2617	W Marland Blvd	1		-				-		-	thy P		1	-											
City: Hobbs			Zip:	8	8240	)				10.0		uivis	Summer in 1		1 m - 1 - 1		-	- Gene							
Phone #: 575-3	396-2378	Fax #: 575-396-14		X 1	1	- 6	_	-	Addr	ess	1	A REPART OF THE PARTY	ada I	٩.											
Project #: 1827	4	Project Owner:	Spur	Ener	rgy Pa	artners	s, LL	- 12		1 14		nelsen fra til ske Galeer i Nitslande	tin sit		Section 1			-							
	Tin Horn 73 Main Li	ne							State			Zip:	Phona -		10	- 1		A.C	1					-	
Project Location								F	Phor	ne #	÷.,		RE		Email.	100		2.11							
Sampler Name:	Auron Rias			2				F	Fax	-		SAMPLI	NG	4											
FOR LAB USE ONLY					-	MAT	RIX		- P	RES	ERV.	SAMPLI	NG	1			1								
Lab I.D.	Sampl	e I.D.	(G)RAB OR (C)OMP.	CONTAINERS	GROUNDWATER WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACIU/BASE:	OTHER :	D bs DATE	ТІМЕ	Chloride	ТРН	BTEX 8021	*	in a state							
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2	FL #106 B	2 Ft	$\mathbf{H}$	H											++	$\square$	-	_	_	-		-	-	-	+
4	FI #107 0	0 41		Π							1				++	++	-	_	_	_	+		-	-	+
8	Fl #108. @	2 FI	11	П							4				++	++	_	_	-	+	+		+	-	+
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analyses. All claims includ service. In no event shall C	and those for negligence and an Cardinal be liable for incidental of	y other cause whatsoever shall be or consequental damages, including ormance of services hereunder by 0	g withou Cardinal,	t limitati regard	ion, bus less of v	iness inter the second	errupti such c	ions, lo laim is	based	upon a	loss of p any of th	rofits incurred by one above stated real	asons or otherwi	se.	and the second second	0.0	□ No	Add	i'l Phor	ne #:					
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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Received by OCD: 12/7/2023 10:16:01 AM

Page 13 of 13



October 26, 2023

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

RE: TIN HORN 73 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/20/23 16:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 111. @ 4 FT (H235772-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	hloride, 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	10/24/2023	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	10/24/2023	ND	189	94.6	200	12.1	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	167	83.3	200	15.0	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 112. @ 3 FT (H235772-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	189	94.6	200	12.1	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	167	83.3	200	15.0	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 113. @ 2 FT (H235772-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	189	94.6	200	12.1	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	167	83.3	200	15.0	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.6	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 114. @ 2 FT (H235772-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	189	94.6	200	12.1	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	167	83.3	200	15.0	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	68.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.7	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 115. @ 2 FT (H235772-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	189	94.6	200	12.1	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	167	83.3	200	15.0	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 116. @ 2 FT (H235772-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	189	94.6	200	12.1	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	167	83.3	200	15.0	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 117. @ 2 FT (H235772-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2023	ND	189	94.6	200	12.1	
DRO >C10-C28*	<10.0	10.0	10/23/2023	ND	167	83.3	200	15.0	
EXT DRO >C28-C36	<10.0	10.0	10/23/2023	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.1	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 118. @ 2 FT (H235772-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	173	86.6	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	164	81.9	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	66.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.6	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 119. @ 2 FT (H235772-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/24/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	173	86.6	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	164	81.9	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	68.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.0	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: WW 9. (H235772-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	173	86.6	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	164	81.9	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	70.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.3	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: NW 16. (H235772-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	173	86.6	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	164	81.9	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	72.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.3	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW 16. (H235772-12)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	173	86.6	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	164	81.9	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.5	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/19/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: SW 17. (H235772-13)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	173	86.6	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	164	81.9	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/20/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 120. @ 2 FT (H235772-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/24/2023	ND	400	100	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	10/24/2023	ND	173	86.6	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	164	81.9	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/20/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 121. @ 2 FT (H235772-15)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	101	2.00	1.91	
Toluene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.10	105	2.00	2.38	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.37	106	6.00	1.40	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/24/2023	ND	400	100	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	10/24/2023	ND	173	86.6	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	164	81.9	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/20/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

#### Sample ID: FL # 122. @ 2 FT (H235772-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.33	
Toluene*	<0.050	0.050	10/25/2023	ND	2.18	109	2.00	3.54	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	4.17	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.49	108	6.00	4.04	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/24/2023	ND	400	100	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	10/24/2023	ND	173	86.6	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	164	81.9	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	74.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.6	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/20/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 123. @ 2 FT (H235772-17)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.33	
Toluene*	<0.050	0.050	10/25/2023	ND	2.18	109	2.00	3.54	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	4.17	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.49	108	6.00	4.04	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/24/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	112	200	0.883	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/20/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 124. @ 2 FT (H235772-18)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.33	
Toluene*	<0.050	0.050	10/25/2023	ND	2.18	109	2.00	3.54	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	4.17	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.49	108	6.00	4.04	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/24/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	112	200	0.883	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/20/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 125. @ 2 FT (H235772-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.33	
Toluene*	<0.050	0.050	10/25/2023	ND	2.18	109	2.00	3.54	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	4.17	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.49	108	6.00	4.04	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	112	200	0.883	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0 10.0		10/24/2023	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/20/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 126. @ 2 FT (H235772-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.33	
Toluene*	<0.050	0.050	10/25/2023	ND	2.18	109	2.00	3.54	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	4.17	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.49	108	6.00	4.04	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	112	200	0.883	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0 10.0		10/24/2023	ND					
Surrogate: 1-Chlorooctane	86.8 % 48.2-13		4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

#### Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/20/2023	Sampling Date:	10/20/2023
Reported:	10/26/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: EW 11. (H235772-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.01	100	2.00	2.33	
Toluene*	<0.050	0.050	10/25/2023	ND	2.18	109	2.00	3.54	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.15	108	2.00	4.17	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.49	108	6.00	4.04	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2023 ND		400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recover		True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	112	200	0.883	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

### Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

### **Cardinal Laboratories**

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240

Company Name	Etech Environmen		4/6	_								_		1											
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City: Hobbs			-		-			Comp	bany:	Spur		1				1					[				
	000 0070	tate: NM	Zip	):	88240		" A	Attn:	Kath	/ Purvis	1	Ľ												1	
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	Tin Horn 73 Main Line					1.1.2	s	tate:	NM	Zip:						1	-								
Project Location	1 1						Р	hone	#:		Fax H		12	14			19.0 19.0								
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FORM-006 R 2.0

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101 East Marland, Hobbs, NM 88240

Etech Environmental		BILL TO	and a	1	F	ANIA	I VOIC	DEQUERT	
Project Manager: Zach Conder		P.O. #:	1	6	1 1		LISIS	REQUEST	
Address: 2617 W Marland Blvd		Company: Spur		1		-			
City: Hobbs State: NM	Zip: 88240	Attn: Kathy Purvis							
Phone #: 575-396-2378 Fax #: 575-396-		Address:							
Project #: 18274 Project Owner:		The Start Phil	the summer system	a ne servite e	1	and the second			
Project Name: Tin Horn 73 Main Line	Spur Energy Partners, LLC	The day and the second one	unt, us at i	1					
Project Location: Rural Eddy		State: NM Zip:	T Photo	1 manual	1	1.5			
Sampler Name:		Phone #:	RE	1 1 1 2 0 - 1		<i>F.</i> []			
FOR LAB USE ONLY		Fax #:	1 Internet	1.013	100	E 21			
	MATRIX	PRESERV. SAMPL	NG						
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LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any nalyses. All claims including those for negligence and any other cause whatsoever shall be de arvice. In no event shall Cardinal be liable for incidental or consequental damages, including verticate are consequental damages.	claim arising whether based in contract or to emed waived unless made in writing and rec	ort, shall be limited to the amount paid by reived by Cardinal within 30 days after co	the client for the	Seehle	1				
Relinquic had Parts	vithout limitation, business interruptions, loss dinal, regardless of whether such claim is ba	of use, or loss of profits incurred by clien	it, its subsidiaries,	licable					
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101 East Marland, Hobbs, NM 88240

(575) 393-2326	AX (575) 393-2476
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Project Manage	r: Zach Conder							P.0	D. #:				1	1	1		LISI	5 RE	QUES	51	 	_
Address: 261	7 W Marland Blvd				-1			Co	mpany	Spur		1										
City: Hobbs	St	ate: NM	Zi	p:	8824	10				ny Purvis		1	-		1							
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Received by OCD: 12/7/2023 10:16:01 AM



October 30, 2023

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

RE: TIN HORN 73 MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/23/23 16:23.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 127. @ 2 FT (H235801-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	110 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

# Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 128. @ 2 FT (H235801-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/26/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

### Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 129. @ 2 FT (H235801-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/26/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 130. @ 2 FT (H235801-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

### Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 131. @ 2 FT (H235801-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	49.1-14	8						

### Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 132. @ 2 FT (H235801-06)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

#### Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 133. @ 2 FT (H235801-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 134. @ 2 FT (H235801-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

### Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: FL # 135. @ 2 FT (H235801-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

### Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	10/23/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	TIN HORN 73 MAIN LINE	Sampling Condition:	Cool & Intact
Project Number:	18274	Sample Received By:	Dionica Hinojos
Project Location:	SPUR - RURAL EDDY CO., NM		

# Sample ID: WW (H235801-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	1.92	96.0	2.00	1.43	
Toluene*	<0.050	0.050	10/27/2023	ND	2.00	100	2.00	2.22	
Ethylbenzene*	<0.050	0.050	10/27/2023	ND	2.02	101	2.00	2.79	
Total Xylenes*	<0.150	0.150	10/27/2023	ND	6.05	101	6.00	2.77	
Total BTEX	<0.300	0.300	10/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	196	98.0	200	0.310	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	215	107	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

### Cardinal Laboratories

# \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

# **Cardinal Laboratories**

# \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240

Company Name:	(575) 393-2326 FA Etech Environment				-			2		B	ILL TO	11821					A	NAL	YSIS	RE	QUES	т			
Project Manager:					1			P.0	D. #:	1	1	14	1												
	W Marland Blvd							Co	mpa	ny:	Spur	1	n					- 1							
City: Hobbs		ate: NM	Zip:	8	8240	)		At	in:	Kathy	Purvis				20										
-	396-2378 <b>F</b> a	x #: 575-396-142	29		11	- 12		Ad	dres	s:	Barners is a market	s many 11		in the second	100										
Project #: 1827		roject Owner:	Spur	Ene	rgy Pa	artners	s, LLC	Ci	ty:		is a lapster is a call														
	Tin Horn 73 Main Line					4		St	ate:	NM	Zip:	198312 Fax 11		C		1	0.0								
Project Location	: Rural Eddy							Pł	one	#: 1		RET		Emi	116				e 1						
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3	Ft # 129, 6:	2Ft A	$\square$	$\square$	-		-	-	-	46			$\mathbb{H}$	++	+	+	-		-	+	+	-			$\top$
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5	FL # 13]. @ 2	LFI	$\left  \right $	$\square$	-		-	-		$\left  \right $		1	H	++	++	+									
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0	Fl # 134. @	2.11		$\square$	-										1.1										
7	FC # 135. @	2 FT	$\forall$	H		V				V	V		V	V	0					i					
PLEASE NOTE: Liability a	MW nd Damages. Cardinal's liability and o ing those for negligence and any othe	lient's exclusive remedy for an	y claim	arising	whether	r based i made in	n contra writing a	act or to and rec	rt, shall eived by	be limite Cardina	d to the amount pai I within 30 days afte	d by the client for er completion of the	the ne applical	ble											
analyses. All claims includi	ing those for negligence and any othe cardinal be liable for incidental or con ing out of or related to the performan	er cause wildtsbever sindli be o	comea		town threads	neen inte	muntion	e loce	of use of	or loss of	profits incurred by	client, its subsidia	ries,			-		A .4.2	Dharr	. #.					
affiliates or successors aris Relinguished B	ing out of or related to the performan	Date: 10-23-23	ar sen risar,	1090.0	red B	the second second second			-			Phone R Fax Res	esult:						Phone Fax #:						
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Sampler - UPS	- Bus - Other:		Ħ	140		Yes	ЗH	No		A	A					1									

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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Received by OCD: 12/7/2023 10:16:01 AM

Page 13 of 13

# Appendix E Regulatory Correspondence

# Matthew A. Grieco

From:	Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov></shelly.wells@emnrd.nm.gov>
Sent:	Tuesday, October 3, 2023 9:37 AM
То:	Tamarah Kendrick; blm_nm_cfo_spill@blm.gov; Hamlet, Robert, EMNRD
Cc:	Zach Conder; Bratcher, Michael, EMNRD
Subject:	RE: [EXTERNAL] nAPP2315150992 - Tin Horn 73 Main Line - Sampling Notification

Good morning Tamarah,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

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

From: Tamarah Kendrick <tamarah@etechenv.com>
Sent: Tuesday, October 3, 2023 8:30 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; blm\_nm\_cfo\_spill@blm.gov
Cc: Zach Conder <zach@etechenv.com>
Subject: [EXTERNAL] nAPP2315150992 - Tin Horn 73 Main Line - Sampling Notification

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

This email serves as notice Etech intends to conduct confirmation soil sampling for the following reportable release site beginning 10/06/2023.

nAPP2315150992 - Tin Horn 73 Main Line

If you have any questions or need any additional information, please feel free to contact Zach Conder by phone or email.

Zach Conder Etech Environmental Phone: 432-234-5943 zach@etechenv.com

Tamarah Kendríck **Project Coordinator** 

.

ETech - Environmental and Safety Solutions 2617 W. Marland Blvd

Hobbs, NM 88240



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

QUESTIONS

Action 292180

QUESTIONS				
Operator:	OGRID:			
Spur Energy Partners LLC	328947			
9655 Katy Freeway	Action Number:			
Houston, TX 77024	292180			
	Action Type:			
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)			

# QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2315150992			
Incident Name	NAPP2315150992 TIN HORN 73 MAIN LINE @ 0			
Incident Type	Produced Water Release			
Incident Status	Remediation Closure Report Received			

#### Location of Release Source

Please answer all the questions in this group.				
Site Name	TIN HORN 73 MAIN LINE			
Date Release Discovered	05/30/2023			
Surface Owner	State			

## Incident Details

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

# Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Not answered.				
Produced Water Released (bbls) Details	Cause: High Line Pressure   Pipeline (Any)   Produced Water   Released: 35 BBL   Recovered: 25 BBL   Lost: 10 BBL.				
Is the concentration of chloride in the produced water >10,000 mg/l	No				
Condensate Released (bbls) Details	Not answered.				
Natural Gas Vented (Mcf) Details	Not answered.				
Natural Gas Flared (Mcf) Details	Not answered.				
Other Released Details	Not answered.				
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	HIGH PRESSURE CAUSED A POLY TEE TO FAIL AND RELEASE PRODUCED WATER ONTO PAD AND IN PASTURE				

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

QUESTIONS, Page 2

Action 292180

**QUESTIONS** (continued)

Operator:	OGRID:				
Spur Energy Partners LLC	328947				
9655 Katy Freeway	Action Number:				
Houston, TX 77024	292180				
	Action Type:				
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)				

#### QUESTIONS

Nature and Volume of Release (continued)				
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.			
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes			
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.			
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.				

Initial	Response
---------	----------

The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A lation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of
	ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 12/07/2023

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

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Action 292180

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	292180
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Site Characterization

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

Between 100 and 500 (ft.)			
NM OSE iWaters Database Search			
No			
nd the following surface areas:			
A continuously flowing watercourse or any other significant watercourse Between 1 and 5 (mi.)			
Greater than 5 (mi.)			
Greater than 5 (mi.)			
Greater than 5 (mi.)			
Greater than 5 (mi.)			
Greater than 5 (mi.)			
Between 1 and 5 (mi.)			
Greater than 5 (mi.)			
Between 1 and 5 (mi.)			
Low			
Greater than 5 (mi.)			
Yes			

#### Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. Requesting a remediation plan approval with this submission Yes Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Have the lateral and vertical extents of contamination been fully delineated Yes Was this release entirely contained within a lined containment area No Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) Chloride (EPA 300.0 or SM4500 CI B) 11600 TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) 0 GRO+DRO (EPA SW-846 Method 8015M) 0 BTEX (EPA SW-846 Method 8021B or 8260B) 0 (EPA SW-846 Method 8021B or 8260B) Benzene 0 Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. On what estimated date will the remediation commence 10/31/2023 On what date will (or did) the final sampling or liner inspection occur 10/23/2023 On what date will (or was) the remediation complete(d) 10/31/2023 What is the estimated surface area (in square feet) that will be reclaimed 0 What is the estimated volume (in cubic yards) that will be reclaimed 0 What is the estimated surface area (in square feet) that will be remediated 36000 What is the estimated volume (in cubic yards) that will be remediated 3844 These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation measures may have to be minimally adjusted in accordance with the physical relative encountered during remediation. If the res

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

.

QUESTIONS, Page 4

Action 292180

QUESTI	ONS (continued)
Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947 Action Number: 292180
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efi which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ises which may endanger public health or the environment. The acceptance of a C-141 report by idequately investigate and remediate contamination that pose a threat to groundwater, surface a does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 12/07/2023
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in according significantly deviate from the remediation plan proposed, then it should consult with the division to do the division to do the second s	rdance with the physical realities encountered during remediation. If the responsible party has any need to etermine if another remediation plan submission is required.

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

Action 292180

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QUESTIONS (continued)	
Operator: Spur Energy Partners LLC	OGRID: 328947
9655 Katy Freeway Houston, TX 77024	Action Number: 292180
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	

# Deferral Requests Only

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

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

QUESTIONS, Page 6

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**QUESTIONS** (continued) Operator OGRID: Spur Energy Partners LLC 328947 9655 Katy Freeway Action Number: Houston, TX 77024 292180 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	292237
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/02/2023
What was the (estimated) number of samples that were to be gathered	150
What was the sampling surface area in square feet	16000

**Remediation Closure Request** 

Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	16000
What was the total volume (cubic yards) remediated	3844
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	N/A
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by

the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete

I hereby agree and sign off to the above statement	Name: Katherine Purvis
	Title: EHS Coordinator
	Email: katherine.purvis@spurenergy.com
	Date: 12/07/2023

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

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QUESTIONS (continued)	
Operator: Spur Energy Partners LLC	OGRID: 328947
9655 Katy Freeway Houston, TX 77024	Action Number: 292180
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Reclamation Report	

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

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

CONDITIONS

Action 292180

CONDITIONS Operator: OGRID: Spur Energy Partners LLC 328947 9655 Katy Freeway Action Number: Houston, TX 77024 292180 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2315150992 TIN HORN 73 MAIN LINE, thank you. This Remediation Closure Report is approved. The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical.	3/19/2024
rhamlet	Pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan. A revegetation report will not be accepted until the release area, including areas reasonably needed for production or drilling activities, are complete. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil.	3/19/2024
rhamlet	Information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved. OR Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report will need to be submitted to the Submitted to the OCD via the Permitting website.	3/19/2024