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Incident ID	nAPP2218929337
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

Characterization Report Checklist: Each of the following items must be included in the report.	
Character Eathor Report Checking. Due of the following tems must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.	
Field data	
✓ Data table of soil contaminant concentration data	
Depth to water determination	
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	
Boring or excavation logs	
Photographs including date and GIS information	
✓ Topographic/Aerial maps	
Laboratory data including chain of custody	
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: 10/20/2022 12:23:49 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: Connor Walker	Title: Sr. Engineer		
Signature: Alalh	Date:10/20/2022		
email: cwalker@mewbourne.com	Telephone: (806)202-5281		
OCD Only			
Received by:	Date:10/20/2022		

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Closure

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

Closure Report Attachment Checklist: Each of the following is	tems must be included in the closure report.
✓ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
✓ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of	tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
OCD Only	
Received by:Jocelyn Harimon	Date: 10/20/2022
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date: 01/19/2023
Printed Name:Jocelyn Harimon	Title: Environmental Specialist

Remediation Summary & Soil Closure Request

Mewbourne Oil Company Zircon 12-7 GF SWD Line

Eddy County, New Mexico
Unit Letter "F", Section 12, Township 19 South, Range 29 East
Latitude 32.6762830 North, Longitude 104.029918 West
NMOCD Reference No. nAPP2218929337

Prepared By:

Etech Environmental & Safety Solutions, Inc.

6309 Indiana Ave, Ste. D Lubbock, Texas 79413

Ben J. Arguijo

Lance Crenshaw



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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Appendix B - Field Data & Soil Profile Logs

Appendix C - Photographic Log

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Zircon 12-7 GF SWD Line. Details of the release are summarized below:

			Locati	on of Release S	Source	
Latitude <u>:</u>		32.67	62830	Longitude	e:	-104.029918
			Provid	ded GPS are in WGS84 fo	ormat.	
Site Name:			2-7 GF SWD Line	Site Type		Pipeline
Date Release Dis	covered	l <u>:</u>	6/23/2022	API # (if app	licable):	N/A
Unit Letter	Sect	ion	Township	Range	Cour	nty
"F"	12	2	19S	29E	Edd	ly
Surface Owner: [X Stat	e []]	Federal Tribal	Private (N	Jame	
			Nature a	ina voiume oi	Kelease	
Crude Oil		Volum	e Released (bbls)		Volume	e Recovered (bbls)
X Produced W	ater	Volum	e Released (bbls)	186	Volume	e Recovered (bbls) 0
Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?						
Condensate Volume Released (bbls) Volume Recovered (bbls)						
Natural Gas	,	Volum	e Released (Mcf)		Volume	e Recovered (Mcf)
Other (describe) Volume/Weight Released Volume/Weight Recovered						
Cause of Releas A poly flowline		ped a sp	olit and failed.		I	
			I	nitial Respons	e	
X The source of	of the re	lease ha	s been stopped.			
X The impacte	d area h	as been	secured to protect hu	ıman health and the	environment.	
X Release mate	erials ha	ve been	contained via the use	e of berms or dikes,	, absorbent pa	d, or other containment devices
X All free liqui	ids and i	recovers	able materials have be	een removed and m	anaged annroi	nriately

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

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Zircon 12-7 GF SWD Line release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	1	25'
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?	X Yes	No 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) and Fish & Wildlife Services (FWS) shapefiles, topographic maps, NMOSE and USGS databases, and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Zircon 12-7 GF SWD Line release 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	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
125'	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	N/A	N/A
	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)

 $[\]dagger$ 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 August 23, 2022, remediation activities commenced at the release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal extent of impacted soil and to guide the excavation. The sidewalls and floors of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis.

On August 25, 2022, Etech collected 12 confirmation soil samples (NW1, WW1, and FL 1 @ 6" through FL 10 @ 6") from the sidewalls and floor of the excavated area. The soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory method detection limit (MDL). Chloride concentrations ranged from 80.0 mg/kg in soil sample FL 6 @ 6" to 448 mg/kg in soil sample WW1.

On August 26, 2022, Etech collected four (4) confirmation soil samples (FL 11 @ 2', FL 12 @ 1.5', FL 13 @ 1', and FL 17 @ 6") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 80.0 mg/kg in soil sample FL 11 @ 2' to 528 mg/kg in soil sample FL 17 @ 6".

On August 30, 2022, Etech collected nine (9) confirmation soil samples (FL 14 @ 2', FL 15 @ 2.5', FL 16 @ 2', and FL 18 @ 2' through FL 23 @ 5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 64.0 mg/kg in soil sample FL 19 @ 6" to 480 mg/kg in soil sample FL 23 @ 5'.

On August 31, 2022, Etech collected four (4) confirmation soil samples (FL 24 @ 5' through FL 27 @ 2') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 80.0 mg/kg in soil sample FL 27 @ 2' to 384 mg/kg in soil sample FL 24 @ 5'.

On September 1, 2022, Etech collected 10 confirmation soil samples (NW2 through NW5, EW1, WW2, WW3, FL 36 @ 2', FL 37 @ 2', FL 38 @ 2') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 48.0 mg/kg in soil sample FL 37 @ 2' to 352 mg/kg in soil sample FL 38 @ 2'.

On September 2, 2022, Etech collected seven (7) confirmation soil samples (FL 39 @ 6" through FL 45 @ 6") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in soil sample FL 44 @ 6" to 144 mg/kg in soil sample FL 39 @ 6".

On September 6, 2022, Etech collected 18 confirmation soil samples (EW2, FL 28 @ 2' through FL 35 @ 2', and FL 46 @ 6" through FL 54 @ 6") from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX concentrations were also below the laboratory MDL. TPH concentrations ranged from less than the laboratory MDL in soil samples FL 29 @ 2', FL 31 @ 2', FL 35 @ 2', FL 46 @ 6" through FL 51 @ 6", and FL 53 @ 6" to 426 mg/kg in soil sample EW2. TPH concentrations in soil samples EW2, FL 28 @ 2', and FL 30 @ 2' exceeded the NMOCD Closure Criterion. Chloride concentrations ranged from 48.0 mg/kg in soil samples FL 48 @ 1.5' and FL 53 @ 6" to 272 mg/kg in soil samples FL 30 @ 2' and FL 46 @ 6".

On September 8, 2022, Etech collected 27 confirmation soil samples (SW1 through SW4, WW4, and FL 55 @ 6" through FL 76 @ 1.5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX concentrations were also below the laboratory MDL. TPH concentrations ranged from less than the laboratory MDL in soil samples SW1 through SW4, WW4, FL 55 @ 6" through FL 58 @ 6", FL 60 @ 6", FL 62 @ 6", FL 63 @ 6", FL 65 @ 6" through FL 74 @ 1.5', and FL 76 @ 1.5' to 135 mg/kg in soil sample FL 59 @ 6", which exceeded the NMOCD Closure Criterion. Chloride concentrations ranged from 48.0 mg/kg in soil sample FL 69 @ 1.5' to 448 mg/kg in soil sample FL 68 @ 6".

On September 12, 2022, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples EW2, FL 28 @ 2', and FL 30 @ 2'. Etech collected three (3) confirmation soil samples (EW2A, FL 28 @ 2.5', and FL 30 @ 2.5') from the sidewall and floor of the newly excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were less than the laboratory MDL in each of the submitted soil samples.

On September 13, 2022, based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FL 59 @ 6". Etech collected one (1) confirmation soil sample (FL 59 @ 1') from the floor of the newly excavated area. The soil sample was submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated the TPH concentration was less than the laboratory MDL.

The final dimensions of the excavated area were approximately 292 feet in length, 22 to 204 feet in width, and six (6) inches to five (5) feet in depth. During the course of remediation activities, Etech transported approximately 1,280 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,320 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Field data and soil profile logs are provided in Appendix B. General photographs of the site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

5.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected area was 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 during the first favorable growing season following closure of the site.

6.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate in-situ concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Mewbourne Oil Company provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Zircon 12-7 GF SWD Line release site.

7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & 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 Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

8.0 DISTRIBUTION

Mewbourne Oil Company 4801 Business Park Blvd. Hobbs, NM 88240

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

(Electronic Submission)

Figure 1 Topographic Map

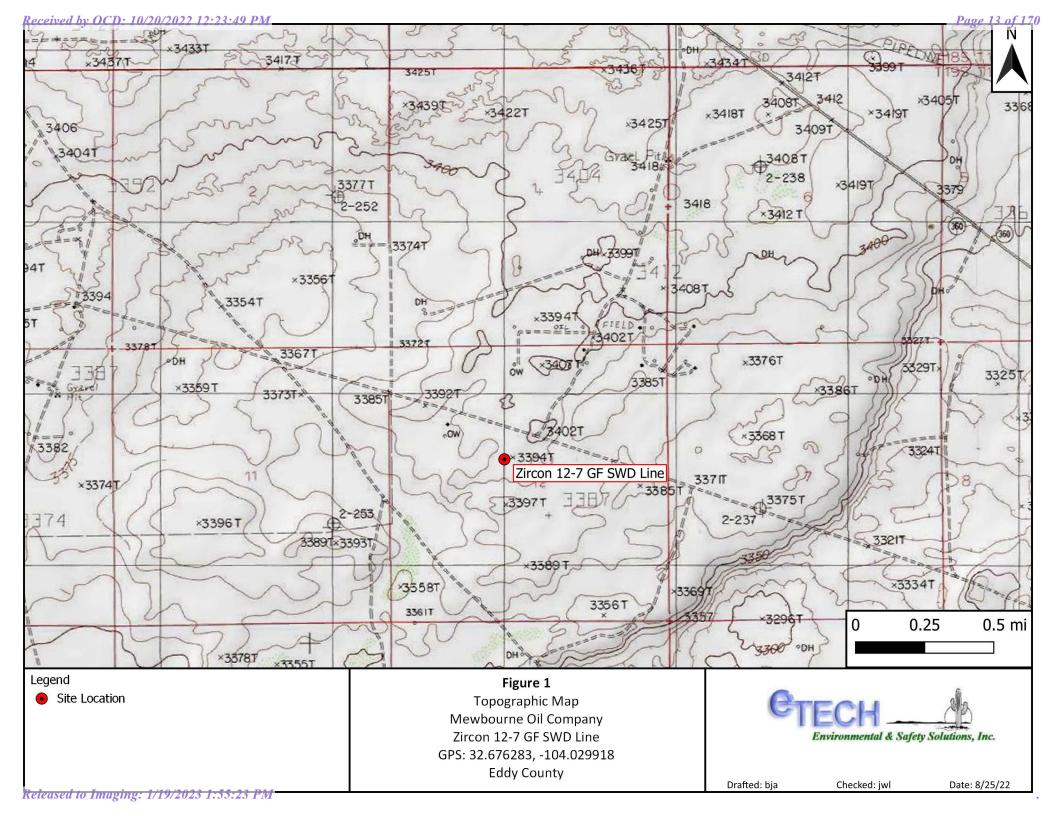


Figure 2 Site Characterization Map

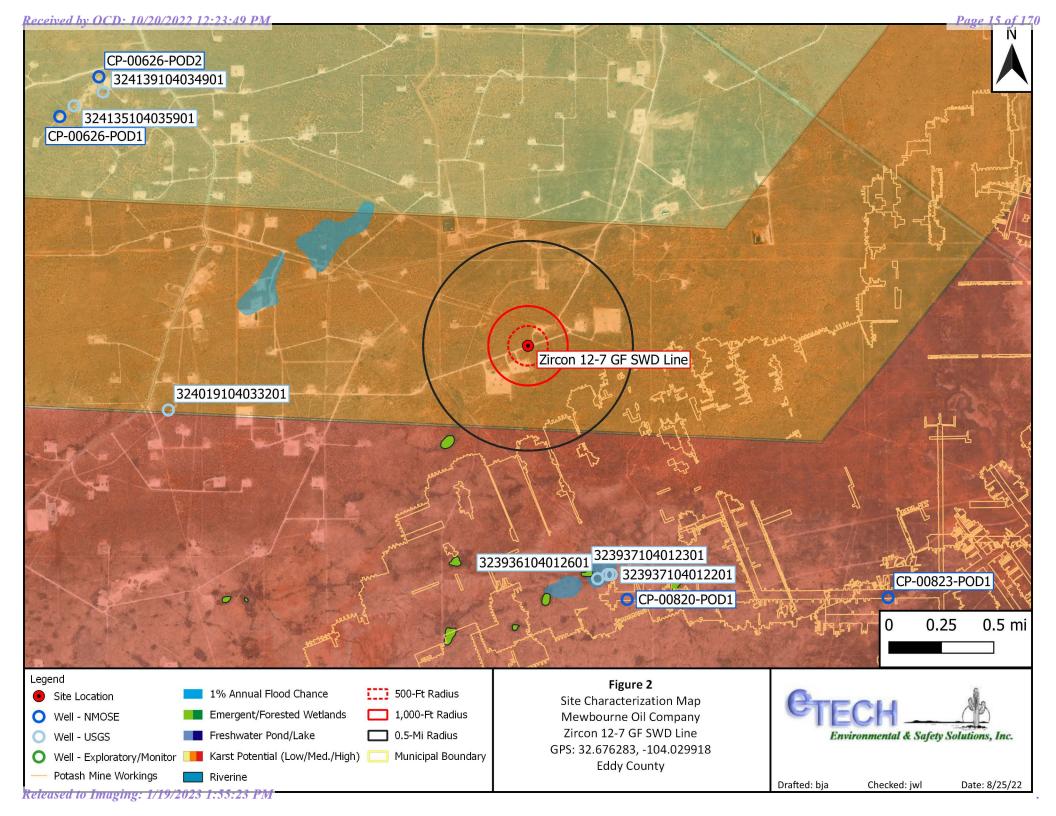


Figure 3 Site & Sample Location Map

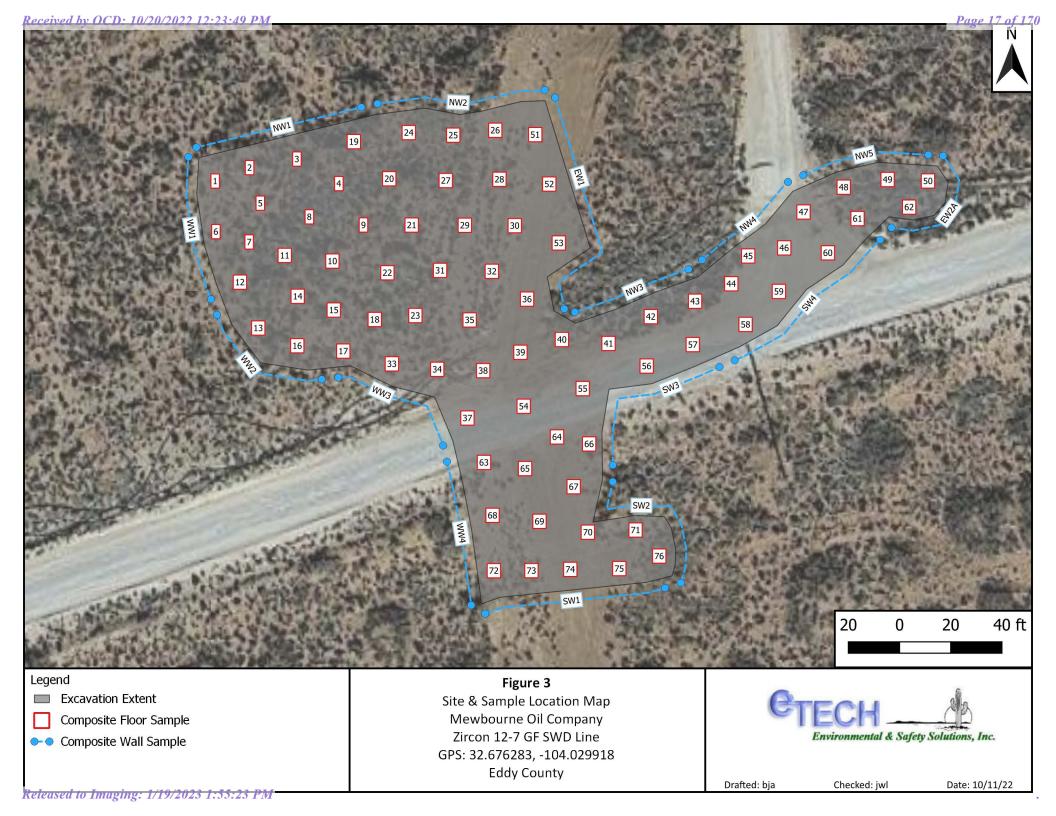


Table 1 Concentrations of BTEX, TPH & Chloride in Soil

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Zircon 12-7 GF SWD Line NMOCD Ref. #: nAPP2218929337

NMO	CD Closure C	witowio			50 Kei. #: II		1	NI/A	NI/A	100	(00
				10	50	N/A	N/A	N/A	N/A	100	600
NMOCD	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	5 8021B			GRO +		Ī	4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
NW1	8/25/2022	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
NW2	9/1/2022	0.5-0.45	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW3	9/1/2022	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NW4	9/1/2022	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW5	9/1/2022	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EW1	9/1/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EW2	9/6/2022	0-1.5	Excavated	< 0.050	< 0.300	<10.0	310	310	116	426	112
EW2A	9/12/2022	0-1.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
SW1	9/8/2022	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW2	9/8/2022	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW3	9/8/2022	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW4	9/8/2022	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
WW1	8/25/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
WW2	9/1/2022	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WW3	9/1/2022	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
WW4	9/8/2022	0-1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 1 @ 6"	8/25/2022	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 2 @ 6"	8/25/2022	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 3 @ 6"	8/25/2022	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 4 @ 6"	8/25/2022	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 5 @ 6"	8/25/2022	0.5	In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 6 @ 6" FL 7 @ 6"	8/25/2022 8/25/2022	0.5	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	80.0 416
FL 8 @ 6"	8/25/2022	0.5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 9 @ 6"	8/25/2022	0.5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 10 @ 6"	8/25/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 11 @ 2'	8/26/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
	8/26/2022	1.5		< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 13 @ 1'	8/26/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 14 @ 2'	8/30/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 15 @ 2.5'	8/30/2022	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 16 @ 2'	8/30/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 17 @ 6"	8/26/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
FL 18 @ 2'	8/30/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 19 @ 6"	8/30/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 20 @ 3.5'	8/30/2022	3.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 21 @ 2.5'	8/30/2022	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 22 @ 2'	8/30/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 23 @ 5'	8/30/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 24 @ 5'	8/31/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 25 @ 2'	8/31/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0

 $\label{eq:Dash of Constituent} \textbf{Dash (-): Sample not analyzed for that constituent.}$

Bold: NMOCD Closure Criteria exceedance.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Zircon 12-7 GF SWD Line NMOCD Ref. #: nAPP2218929337

NMO	CD Closure C	riteria		10	50	N/A	N/A	N/A	N/A	100	600
NMOCD	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 846	5 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 26 @ 2'	8/31/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 27 @ 2'	8/31/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 28 @ 2'	9/6/2022	2	Excavated	< 0.050	< 0.300	<10.0	173	173	39.2	212	240
FL 28 @ 2.5'	9/12/2022	2.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 29 @ 2'	9/6/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 30 @ 2'	9/6/2022	2	Excavated	< 0.050	< 0.300	<10.0	145	145	30.8	176	272
FL 30 @ 2.5'	9/12/2022	2.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 31 @ 2'	9/6/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 32 @ 2'	9/6/2022	2	In-Situ	< 0.050	< 0.300	<10.0	31.2	31.2	<10.0	31.2	224
FL 33 @ 1.5'	9/6/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	81.0	81.0	11.5	92.5	176
FL 34 @ 1.5'	9/6/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	27.3	27.3	<10.0	27.3	224
FL 35 @ 2'	9/6/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 36 @ 2'	9/1/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 37 @ 2'	9/1/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 38 @ 2'	9/1/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 39 @ 6"	9/2/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 40 @ 6"	9/2/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 41 @ 6"	9/2/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 42 @ 6"	9/2/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 43 @ 6"	9/2/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 44 @ 6"	9/2/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 45 @ 6"	9/2/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 46 @ 6"	9/6/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 47 @ 6"	9/6/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 48 @ 1.5'	9/6/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 49 @ 1.5'	9/6/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 50 @ 1.5'	9/6/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 51 @ 6"	9/6/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 52 @ 6"	9/6/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	45.6	45.6	<10.0	45.6	64.0
FL 53 @ 6"	9/6/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 54 @ 6"	9/6/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	13.2	13.2	<10.0	13.2	128
FL 55 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 56 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 57 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 58 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 59 @ 6"	9/8/2022	0.5	Excavated	< 0.050	< 0.300	<10.0	99.2	99.2	36.1	135	160
FL 59 @ 1'	9/13/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 60 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 61 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	31.5	31.5	<10.0	31.5	224
FL 62 @ 6"	9/8/2022	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 63 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208

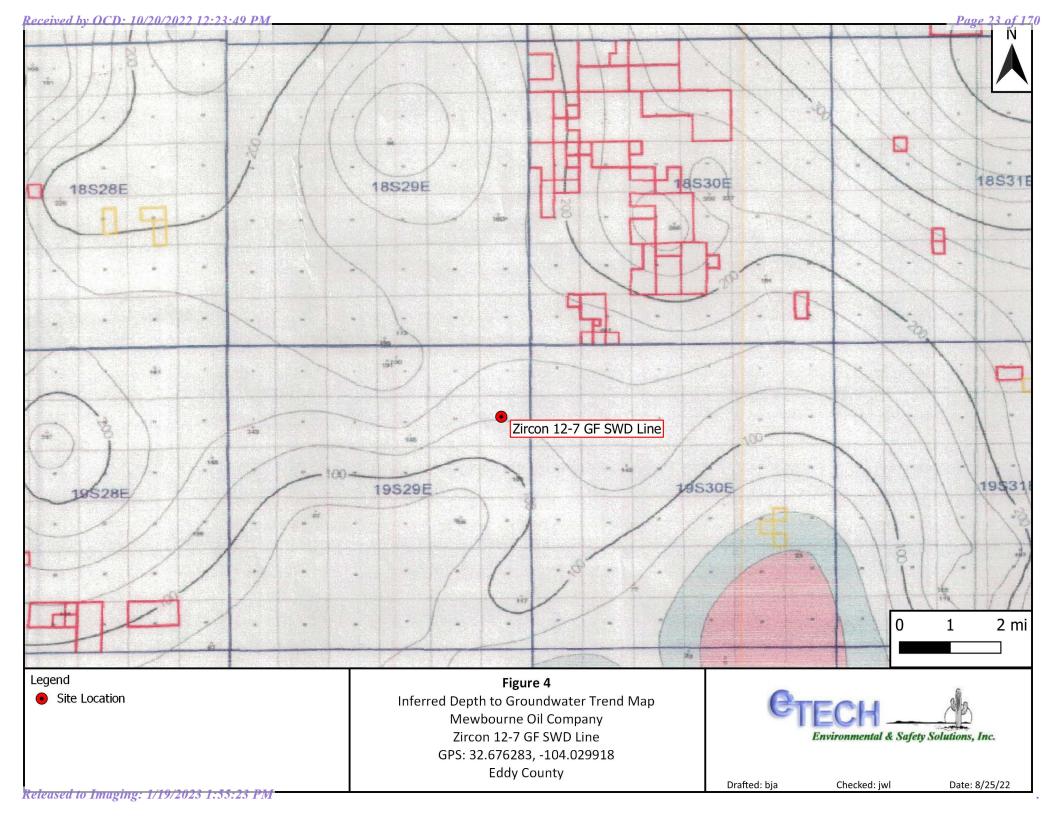
Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Table 1
Concentrations of BTEX, TPH & Chloride in So
Mewbourne Oil Company
Zircon 12-7 GF SWD Line
NMOCD Ref. #: nAPP2218929337

NMO	CD Closure C	riteria		10	50	N/A	N/A	N/A	N/A	100	600
NMOCE	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 64 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	20.5	20.5	<10.0	20.5	208
FL 65 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 66 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 67 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 68 @ 6"	9/8/2022	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 69 @ 1.5'	9/8/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 70 @ 1.5'	9/8/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 71 @ 1.5'	9/8/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 72 @ 1.5'	9/8/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 73 @ 1.5'	9/8/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 74 @ 1.5'	9/8/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 75 @ 1.5'	9/8/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	18.7	18.7	<10.0	18.7	320
FL 76 @ 1.5'	9/8/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224

Appendix A Depth to Groundwater Information





New Mexico Office of the State Engineer Water Column/Average Depth to Water

591713

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

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

closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

Depth Depth Water

POD

Sub-QQQ

Code basin County 64 16 4 Sec Tws Rng 2 4 13 19S 29E

3613870*

Well Water Column Distance 1983 120

Average Depth to Water:

Minimum Depth:

Maximum Depth:

Record Count: 1

POD Number

CP 00820 POD1

UTMNAD83 Radius Search (in meters):

Radius: 2414 Easting (X): 590882.38 Northing (Y): 3615671

*UTM location was derived from PLSS - see Help

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.



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

13 19S 29E

 \mathbf{X} 591713

3613870*

Driller License: 122

CP 00820 POD1

7.00

Driller Company:

UNKNOWN

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Shallow

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

10 GPM

Casing Size:

Depth Well:

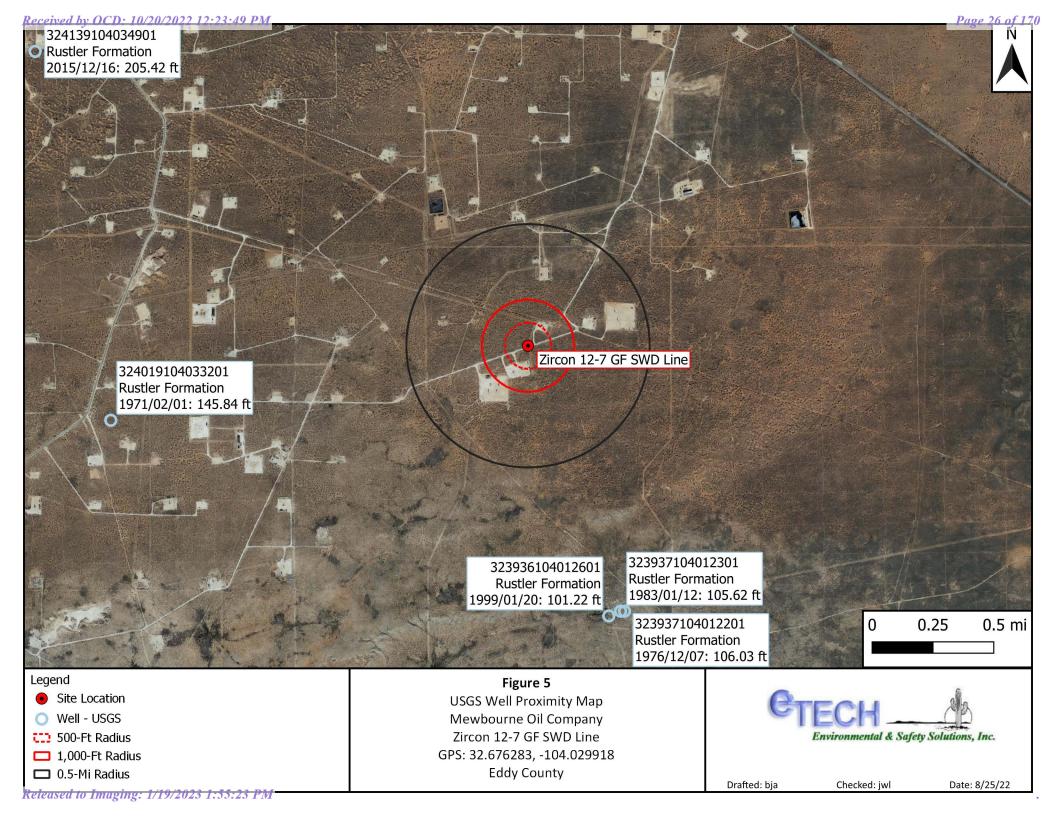
120 feet

Depth Water:

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

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help





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Agency code = usgs site no list =

• 323937104012301

Minimum number of levels = 1

Table of data

Tab-separated data

Save file of selected sites to local disk for future upload

USGS 323937104012301 19S.29E.13.412243

Eddy County, New Mexico
Latitude 32°39'37", Longitude 104°01'23" NAD27
Land-surface elevation 3,315 feet above NAVD88
The depth of the well is 250 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Graph of data											
Reselect period											
Date \$	Time \$? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical \$ datum	? Status	? Method of measurement	? Measuring ^{\$} agency	? Source of measurement	? Water- level approval status
1948-12-21		D	72019	123.55			1	Z			А
1968-04-03		D	72019	114.03			1	Z			А
1971-02-01		D	72019	110.64			1	Z			А
1976-12-07		D	72019	108.08			1	Z			А
1983-01-12		D	72019	105.62			1	Z			А

Explanation

Section	Code \$	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

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Accessibility U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-10-12 01:53:20 EDT

0.27 0.24 nadww01





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Agency code = usqs site_no list =

• 323936104012601

Minimum number of levels = 1

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USGS 323936104012601 19S.29E.13.41224A

Eddy County, New Mexico Latitude 32°39'36", Longitude 104°01'26" NAD27 Land-surface elevation 3,309 feet above NGVD29 The depth of the well is 120.00 feet below land surface. This well is completed in the Other aguifers (N9999OTHER) national aguifer. This well is completed in the Rustler Formation (312RSLR) local aguifer.

Output formats

? Water level, feet Referenced ? ? ? ? Water ? Water !	ab-separated da	<u>ita</u>										
Parameter code	raph of data											
Date \$\displaystyle{\pi}\$ Time \$\displaystyle{\pi}\$ Water- level, feet above \$\displaystyle{\pi}\$ specific vertical \$\displaystyle{\pi}\$ Status \$\displaystyle{\pi}\$ Method of \$\displaystyle{\pi}\$ Measuring \$\displaystyle{\pi}\$ Source of measurement approval status.	eselect period											
	Date \$	Time \$	level date-time		level, feet below land	level, feet above \$ specific vertical	vertical \$	\$	Method of	Measuring	Source of	level approval
1990-09-20 D 72019 101.40 S												
1994-03-18 D 72019 99.83 S	1999-01-20		D	72019	101.22			1	S	USGS	S	4

Explanation

Section \$	Code \$	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status		The reported water-level measurement represents a static level
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.

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Title: Groundwater for USA: Water Levels

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Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-10-12 01:51:45 EDT

0.28 0.24 nadww01





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Agency code = usas

site_no list =

• 323937104012201

Minimum number of levels = 1

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USGS 323937104012201 19S.29E.13.41224

Eddy County, New Mexico Latitude 32°39'37", Longitude 104°01'22" NAD27 Land-surface elevation 3,321 feet above NAVD88 The depth of the well is 250 feet below land surface. This well is completed in the Other aguifers (N9999OTHER) national aguifer. This well is completed in the Rustler Formation (312RSLR) local aguifer.

Output formate

Output formats									
Table of data									
Tab-separated data									
Graph of data									
Reselect period									

Date	Time	? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1948-12-21		D	72019	123.50			Р	Z			А
1965-12-09		D	72019	113.03			1	Z			А
1976-12-07		D	72019	106.03			1	Z			А

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	Α	Approved for publication Processing and review completed.

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Title: Groundwater for USA: Water Levels

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Page Contact Information: $\underline{\text{USGS Water Data Support Team}}$

Page Last Modified: 2022-10-12 01:52:47 EDT

0.32 0.23 nadww01

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Search Results -- 1 sites found

Agency code = usqs site_no list =

• 324019104033201

Minimum number of levels = 1

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USGS 324019104033201 19S.29E.10.43211

Eddy County, New Mexico Latitude 32°40'19", Longitude 104°03'32" NAD27 Land-surface elevation 3,371 feet above NAVD88 The depth of the well is 153 feet below land surface. This well is completed in the Other aguifers (N99990THER) national aguifer. This well is completed in the Rustler Formation (312RSLR) local aguifer.

Output formats
Table of data
Tab-separated data
Graph of data
Reselect period

Date \$	Time \$? Water- level date-time accuracy	? Parameter [‡] code	Water level, feet below land surface	Water level, feet above \$pecific vertical datum	Referenced vertical \$ datum	? Status	? Method of measurement	? Measuring \$\frac{1}{2}\$ agency	? Source of measurement	? Water- level approval status
1965-12-09		D	72019	147.59			1	Z			А
1968-04-03		D	72019	145.99			1	Z			А
1971-02-01		D	72019	145.84			1	Z			А

Explanation

Section \$	Code \$	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

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

Accessibility

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

Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-10-12 01:54:05 EDT

0.27 0.24 nadww01





Click for News Bulletins

Groundwater levels for the Nation

able of data Tab-separated data Graph of data

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usas site_no list =

• 324139104034901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 324139104034901 19S.29E.03.12344

Eddy County, New Mexico Latitude 32°41'38.8", Longitude 104°03'52.2" NAD83 Land-surface elevation 3,421 feet above NAVD88 The depth of the well is 240 feet below land surface. This well is completed in the Other aguifers (N9999OTHER) national aguifer.

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

Output formats

<u>Graph or data</u>											
Reselect period											
Date \$	Time \$? Water- level	? Parameter code	Water level, feet below land surface	Water level, feet above \$pecific vertical datum	Referenced vertical \$\datum\$? Status	? Method of measurement	? Measuring \$\frac{\frac{1}{2}}{2} agency	? Source of measurement	? Water- level approval status
1984-07-20		D	72019	192.26			1	Z			А
1994-03-11		D	72019	189.96			1	S			А
1999-01-15		D	72019	188.86			1	S	USGS	S	А
2015-12-16	18:20 UTC	m	72019	205.42			Р	S	USGS	S	А

Received by OCD: 10/20/2022 12:23:49 PM

Explanation

Section \$	Code \$	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	Α	Approved for publication Processing and review completed.

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

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2022-10-12 01:54:46 EDT

0.31 0.24 nadww01

USA.gov

Appendix B Field Data & Soil Profile Logs

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age 38 c					
ige					1
Pe		EC	H	9000	1
	E	nvironn	nental 8	Safety :	Soluti

Sample Log

Date:			

Project:

Zircon 12-7 GF SWD Line

Project Number:

16072

Latitude:

32.676282

Longitude: -104.029892

Sample ID	PID/Odor	Chloride Conc.	GPS
2106"		3.0 372	
1200"	~	3.0 372	
13 66"	-	2.4 364	
1400"		3.4 use	
2506"	_	2.0 200	-
1 6 CC"	-	2,4 264	
WI	-	3.6 504	
Jwi	,	3.0 372	
1706	-	3.2 4/2	
1866.	-	3.4 456	
1900		3.2 412	
C 10 @6"		3.0 372	
11106"	-	6.2 1404 #	10. 2
1 12 06.	-	4.0 604 #	
2 12 @1/22	-	7.2 2008 4 4 128	
L 12 D 1'e 1/2	A. pare	4.1 456 \$356	X-10-1
L13eb'el	-	756,444	
L14@ Le 1 2 1/202	~		
L 15 e 6 e 1/2 e 21/2	-	816.756.152 2752-2188.212	
L 16ebel		144-244	
1706	-	536	
T1809.07.	_	6.592-316	
21906	_	2128	
120 el 0 1/2 e 2/2 e 3/2	_	1.0 20-28 60-1348 - 244	***
Lalebellanalla		2036-1896-152	1,4
1220669.	_	1544.180	
Lagoboleakes	_	1772.8832.5696.400	
L24ebio205	-	2720-1584-356	789
L 25-6'e2'		1176-356	West Transport
266e2°	-	1174-280	
-27e6°2'	[- 1	1652-164	DAYLEY DE
128e2'	1 -	356	
L 29e2'		280	· ·
L3602°		316	1 ×.
L31e2°		280	* * *
133e3.		318	
Sample Point = SP #1 @ ## etc		Test Trench = TT #1 @ ##	Resamples CD #1 @ Fb CU #1
Floor = FL #1 etc		Refusal = SP #1 @ 4'-R	Resamples= SP #1 @ 5b or SW #1b
Sidewall = SW #1 etc		Soil Intended to be Deferred = SP #1 @ 4' In-Situ	Stockpile = Stockpile #1
	*	in-situ	GPS Sample Points, Center of Comp Area
6		, the second sec	1.
\mathcal{O}			



Sample i

Project: Zircon 12-7 GFS wo Line Project Number:

1-1-22 Date

16072 Latitude: 32.676382 Longitude: -104.029892

Sample ID	PID/Odor	Chloride Conc.	222
FL33e1/2		280	GPS
FL34e11/2	-	180	
FL3502	1 -	1212	
Frager.	1 -	488	
F237e2'		2128	
FL38e2"	1 -	1444	
FL39.6"		1.52	
F L 40e 6"	-	1128	
FL 4106"	-	212	
FL 4206"		356	
FL 4306"		212	
FL4406"		<128	
F145e6"		128	
- L460 6"		400	
-L47e6"		112	
NNA		J28 280	
EWI	-	21)	
NNA		110	Control of the Contro
M W3	-	316 128 488	
VW3		244	
VW4		180	THE PARTY OF THE P
VW5		100	
L48011/2		212	
L44e 1/2.		128	
FL500 11/2		316	
L51.6"		212	
L 5 206"		444	
L 5 3 ° 6"		152	
L 54e6"		152	
- 111	-	356	
EW2 VW4		356	
1550/"		356	
155el"		536	
1570/1	-	100	
72/68		356	
2566" 25706" 25806" 25806" 25806"	- 8	280	
L 546 8	- 6	880	

Sample Point = 5P #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Sample Log

Date: 9-8-3	No.				
	Date:	9	-	8-	1

Project:	2	ircon	F	low	line
----------	---	-------	---	-----	------

Project Number: 16072 Latitude: Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
- L 60e6"		356	
7 9169.		400	
FL 6206"		356	
F16306"		316	
FL 8406"		316	
FL 6506"		488	
FL bbeb"		280	
FL 6706"		35/	
ET 9809.		356 536 128	
SWI		118	
SW2	_	<u>-128</u>	
SW3		212	
SW4		280	
FL69e1/2		152	
FL 69e 1/2 FL 70e 1/2		356	
F 2 7 10 11/2		244	
FL720112		<u> </u>	
FL7301/2		Ψ06 180 244	
FL7401/2		700	
FL75e1/2		251	
FL7601/2		356	
2 100 172		280	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

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Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



M			
2:23:49			
7707/			
): 10/20			

Soil Profile

					Date:	
Project:	Zircon 12-7 ()	
Project Num	nber:	16072	Latitude:	32.676282	Longitude:	-104.029892
Depth (ft. bgs	5)		2	Des	scription	
	1	Topic	A Topsoil			
	3	Hard	Cliste'			
	4	***************************************				
	6	***************************************	***************************************			
	7					
	9	***************************************				IIIIIII TARAMA SANCERI INI UMANANA ORANA ORANA MANANA MANANA MANANA MANANA MANANA MANANA MANANA MANANA MANANA
	0	***************************************				
1 1		***************************************				
1	3	***************************************				
1		***************************************				
1	6	***************************************			***************************************	
1		***************************************		***************************************		
1						
2						
2		***************************************				
2:		***************************************				
2- 2:		***************************************				
26		***************************************				
2:		***************************************	***************************************			
29						
30						
32	2	***************************************				B. W.
33 34		***************************************				25.23
35						
36 37						79/2023
38		•				///
39 40		***************************************				
40						T. Mag.
						Released to Imaging:
						lease
						Rel

Appendix C Photographic Log

Photo Number:

1

Photo Direction: South-Southeast

Photo Description:

View of the affected area.



Photo Number:

2

Photo Direction:

South

Photo Description:

View of the affected area.



Photo Number:

3

Photo Direction:

West

Photo Description:

View of the affected area.



Photo Number:

4

Photo Direction:

West-Southwest

Photo Description:

View of the affected area.



Photo Number:

5

Photo Direction: North-Northeast

Photo Description:

View of the excavated area.



Photo Number:

6

Photo Direction:

North

Photo Description:

View of the excavated area.



Photo Number:

7

Photo Direction: East-Northeast

Photo Description:



View of the excavated area.

Photo Number:

8

Photo Direction:

East

Photo Description:

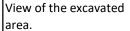




Photo Number:

9

Photo Direction: North-Northeast

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

10

Photo Direction: East-Northeast

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

11

Photo Direction: Southwest

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

12

Photo Direction:

West

Photo Description:

View of the remediated area after backfill and regrading.



Appendix D Laboratory Analytical Reports



August 30, 2022

LANCE CRENSHAW
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: ZIRCON FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 08/26/22 14:49.

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

Cardinal Laboratories is 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 08/26/2022
 Sampling Date:
 08/25/2022

 Reported:
 08/30/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

A d D. ... 311 /

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 1 @ 6" (H223944-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/29/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/29/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	211	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	201	100	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	79.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.4	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/26/2022 Sampling Date: 08/25/2022

Reported: 08/30/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 2 @ 6" (H223944-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/29/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/29/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS				0.103 0.114 0.887 0.600	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	211	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	201	100	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.4	% 46.3-17	78						

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Celeg & Freene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

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ma/ka

Received: 08/26/2022 Sampling Date: 08/25/2022

Reported: 08/30/2022 Sampling Type: Soil
Project Name: ZIRCON FLOWLINE Sampling Condition: Coo

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 3 @ 6" (H223944-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/29/2022	ND	2.13	106	2.00	0.103		
Toluene*	<0.050	0.050	08/29/2022	ND	2.11	105	2.00	0.114		
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.02	101	2.00	0.887		
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.32	105	6.00	0.600		
Total BTEX	<0.300	0.300	08/29/2022	ND						
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0							
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/29/2022	ND	432	108	400	0.00		
TPH 8015M	mg	/kg	Analyze	ed By: MS				0.103 0.114 0.887 0.600		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	211	106	200	3.10		
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	201	100	200	3.60		
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND						
Surrogate: 1-Chlorooctane	79.5	% 45.3-16	1							
Surrogate: 1-Chlorooctadecane	94.0	% 46.3-17	78							

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 08/26/2022
 Sampling Date:
 08/25/2022

 Reported:
 08/30/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 4 @ 6" (H223944-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/29/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/29/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	211	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	201	100	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.8	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/26/2022 Sampling Date: 08/25/2022

Reported: 08/30/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 5 @ 6" (H223944-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/29/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/29/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	211	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	201	100	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	79.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/26/2022 Sampling Date: 08/25/2022

Reported: 08/30/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 6 @ 6" (H223944-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/29/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/29/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	211	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	201	100	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.3	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 08/26/2022
 Sampling Date:
 08/25/2022

 Reported:
 08/30/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 7 @ 6" (H223944-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/29/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/29/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2022	ND	211	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	201	100	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					
Surrogate: 1-Chlorooctane	71.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.6	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/26/2022 Sampling Date: 08/25/2022

Reported: 08/30/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Shalyn Rodriguez

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 8 @ 6" (H223944-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/29/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/29/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2022	ND	211	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	201	100	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					
Surrogate: 1-Chlorooctane	76.0 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.7	% 46.3-17	8						

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08/25/2022

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/26/2022 Sampling Date:

Reported: 08/30/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 9 @ 6" (H223944-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/30/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/29/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2022	ND	211	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	201	100	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.4	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/26/2022 Sampling Date: 08/25/2022

Reported: 08/30/2022 Sampling Type: Soil Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez Project Number: 16072 MEWBOURNE - RURAL EDDY CO

Sample ID: FL 10 @ 6" (H223944-10)

Project Location:

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/30/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/29/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	212	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	218	109	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.7	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 08/26/2022
 Sampling Date:
 08/25/2022

 Reported:
 08/30/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL EDDY CO

mg/kg

Sample ID: NW 1 (H223944-11)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2022	ND	2.13	106	2.00	0.103	
Toluene*	<0.050	0.050	08/30/2022	ND	2.11	105	2.00	0.114	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	0.887	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.32	105	6.00	0.600	
Total BTEX	<0.300	0.300	08/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/29/2022	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	08/29/2022	ND	212	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	218	109	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.9	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/26/2022 Sampling Date: 08/25/2022

Reported: 08/30/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - RURAL EDDY CO

ma/ka

Sample ID: WW 1 (H223944-12)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 08/30/2022	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050		08/30/2022	ND					-
	0.050		ND	2.13	106	2.00	0.103	
-0.050	0.050	08/30/2022	ND	2.11	105	2.00	0.114	
<0.050	0.050	08/30/2022	ND	2.02	101	2.00	0.887	
<0.150	0.150	08/30/2022	ND	6.32	105	6.00	0.600	
<0.300	0.300	08/30/2022	ND					
115	% 69.9-14	0						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
448	16.0	08/29/2022	ND	432	108	400	3.64	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/29/2022	ND	212	106	200	2.82	
<10.0	10.0	08/29/2022	ND	218	109	200	2.89	
<10.0	10.0	08/29/2022	ND					
85.1	% 45.3-16	1						
90.1	% 46.3-17	8						
	<0.300 115 9 mg/ Result 448 mg/ Result <10.0 <10.0 <85.1	<0.150 0.150 <0.300 0.300 115	<0.150	<0.150 08/30/2022 ND 40.300 0.300 08/30/2022 ND 115 % 69.9-140 mg/ky Analyzed By: AC Result Reporting Limit Analyzed Method Blank 448 16.0 08/29/2022 ND Result Reporting Limit Analyzed Method Blank <10.0	<0.150	<0.150	<0.150 08/30/2022 ND 6.32 105 6.00 115 % 69.9-140 Mg/ky Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 448 16.0 08/29/2022 ND 432 108 400 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0 10.0 08/29/2022 ND 212 106 200	<0.150

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/26/2022 Sampling Date: 08/26/2022 Reported: 08/30/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 11 @ 2' (H223944-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2022	ND	2.09	104	2.00	6.87	
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	103	2.00	6.86	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.92	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.37	106	6.00	8.36	
Total BTEX	<0.300	0.300	08/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/29/2022	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	08/29/2022	ND	212	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	218	109	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	85.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.2	% 46.3-17	8						

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Celecy D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

08/26/2022 08/30/2022

Project Name: ZIRCON FLOWLINE

Project Number: 16072

Received:

Reported:

Project Location: MEWBOURNE - RURAL EDDY CO

Sampling Date: 08/26/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FL 12 @ 1.5' (H223944-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2022	ND	2.09	104	2.00	6.87	
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	103	2.00	6.86	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.92	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.37	106	6.00	8.36	
Total BTEX	<0.300	0.300	08/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/29/2022	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	08/29/2022	ND	212	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	218	109	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	81.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.4	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

08/26/2022

Reported: 08/30/2022

Project Name: ZIRCON FLOWLINE

MEWBOURNE - RURAL EDDY CO Project Location:

16072

Sampling Date: 08/26/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: FL 13 @ 1' (H223944-15)

Received:

Project Number:

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2022	ND	2.09	104	2.00	6.87	
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	103	2.00	6.86	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.92	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.37	106	6.00	8.36	
Total BTEX	<0.300	0.300	08/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/29/2022	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	08/29/2022	ND	212	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	218	109	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	77.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.7	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/26/2022 Sampling Date: 08/26/2022

Reported: 08/30/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Shalyn Rodriguez

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 17 @ 6" (H223944-16)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2022	ND	2.09	104	2.00	6.87	
Toluene*	< 0.050	0.050	08/30/2022	ND	2.07	103	2.00	6.86	
Ethylbenzene*	<0.050 0.050		08/30/2022	ND	2.02	101	2.00	7.92	
Total Xylenes*	<0.150 0.150		08/30/2022	ND	6.37	106	6.00	8.36	
Total BTEX	<0.300	0.300	08/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	08/29/2022	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	08/29/2022	ND	212	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	218	109	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	77.7 %	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.9 9	% 46.3-17	8						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Routine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	e: Etech Environmental & Safety Solu	-	C.	BILL TO					ANALYSIS REQUEST				
Project Manage	or Jech Lowry Lance Co	21/4		P.O. #:			T	T					
Address: 2617 West Marland City: Hobbs State: NM Zip: 88240				Company Newbourre									
				Attn: Conner									
Phone #: (575) 264-9884 Fax #:				Address: 4801 Business lik Plat				1					
Project #: 16		- Ne	operatuo	City: Hold		1							
Project Name:	Zircon Flowline	11 11 46	100		Zip: † 8248		E	<u>00</u>					
Project Name.	211con Flowline				Zip: 10 2 70	Chloride	FPH (8015M)	(8021B)					
Country Name	": Rural Eddy county			Phone #:		Po	(8)	×					
Sampler Name:	Myrel Pamirez	1 1	MATRIX	Fax #: PRESERV. SAMPLING			1	ВТЕХ					
FOR CAB USE UNITY		(C)OMP.		, KEOLKY.	SAMI CITO			ш					
Lab I.D.	Sample I.D.	종	SROUNDWATER WASTEWATER SOIL	OTHER: ACID/BASE: CE / COOL OTHER:									
HZZ3944		₩ 3E	GROUND WASTEW SOIL OIL		DATE TIME	_							
	FL 106"	01	x		8/25/22	x	X	X					
2	FL 2 @ 6"	1111	- (-	V (4 1		1	1	1					
3	FL 3 @ 6"	1111				11	1	1					
4	FL 4@6"	1111	- 1 -			+1	+	\vdash					
S	FL 566"	1111	1			+	+	-					
6	FL 606"	1111	1			+	+	1					
7	FL 7@6"	1111				++-	+	-					
8	FL 806"	1111	1	+		++	+	-					
7	FL 9 (26	141	1	-		11.	1						
EL FASE NOTE: Labelly a	nd Damages Cardinal's liability and client's exclusive rentedy for	Way Claim aris	ru whether based in contract	or tort, shall be firmled a	o the amount paid by the chent	for the	4	y	1				
analyses. All claims include	ing those for negligence and any oliver cause whitelever shall be cardinal be finale for incidental or consequental damages, includin	deemed waiv	ed unless made in willing an	d received by Cardinal w	iden 30 days ofter completion	if the applica	uble						
Relinquistled B	ing out of or galated to the performance of services hereunder by	Cardwal, regal	rdiess of whether such claim ved By:	is based upon any of the	Phone i	WASID.	□ Y	es П	No Add'l Phone #:				
Relinquished B	Time;449	Recei	Rodlei	que	Fax Res REMAR	iadt:	O Y		No Add'I Fax #:				
	Time:								0 - 1 - 1 - 1 - 1 - 1 - 1				
Delivered By	: (Circle One) = 00 14 0	1 . 0	Sample Conditi	ion CHECK	ED BY:	email	сору	of COC	C and results to pm@etechenv.com.				
	: (Circle One) 5.82 (0	#1	Sample Condition Cool Intact Yes Yes	s Vinit	ials)								
	7.0	111	NO NO				_						

FORM-006 Revision 1.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Released to Imaging: 1/19/2023 1:55:23 PM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety So	olutions, Inc.	BILL TO		ANALYSIS	REQUEST
Project Manager: Jechtern Lance C. Address: 2617 West Marland City: Hobbs State: NM Phone #: (575) 264-9884 Fax #: Project #: 16072 Project Ow Project Name: Zircon Flouling Project Location: Rural Eddy Copum Sampler Name: Magael Yamika	Zip: 88240	P.O. #: Company Membeure Attn: Conner Address: 48018 wines 1, kbl. City: Holds State: NM Zip: 88740 Phone #: Fax #:	Chloride TPH (8015M)	EX (8021B)	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	PRESERV. SAMPLING OTHER: OTHER: OTHER: DATE TIME	17	ВТЕХ	
/I NWI	C 1 10	X 8/25/12	XX	×	
12 Euri WWI	CIIV	1.	11	1	
13 FL 11 e 2' 14 FL 12 e 1' 15 FL 13 e 1' 16 FL 17 e 6"		8-21-22	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	J J	
TEASE NOTE: Liability and Damages. Cardinal's finishity and client's audictive remedy insulyses. All chains including indee for neighborize and any other cause wisassolver shill serves. In no event shall Cardinal be liable for incidental or consequential damages, and illinates or successors arrang out of or related to the performance of servess hereusker Relinguished By: Date: 8-26-22	les desented walered unitezes reache in withing- string without findeation, businesses interruption by Cardinat, regardless of wheether such clas Received By: Received By: Sample Cond Cool Intact	and received by Candinal within 30 days after conquision of this, total of use, or lose of profile incurred by chear, it subordinal into its based upon any of the above stated reasons or otherwise Phone Research Remarks Otherwise Remarks Alition CHECKED BY:	n applicable files. suit: Ye T: Ye S:		

FORM-006 Revision 1.0



September 02, 2022

LANCE CRENSHAW
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: ZIRCON FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 08/31/22 14:38.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 08/31/2022
 Sampling Date:
 08/30/2022

 Reported:
 09/02/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 14 @ 2' (H224006-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/31/2022 Sampling Date: 08/30/2022

Reported: 09/02/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 15 @ 2.5' (H224006-02)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
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	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	78						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/31/2022 Sampling Date: 08/30/2022

Reported: 09/02/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 16 @ 2' (H224006-03)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	87.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.6	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/31/2022 Sampling Date: 08/30/2022

Reported: 09/02/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Tamara Oldaker

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 18 @ 2' (H224006-04)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	93.7 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.1 9	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/31/2022 Sampling Date: 08/30/2022

Reported: 09/02/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Tamara Oldaker

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 19 @ 6" (H224006-05)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
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	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	98.79	45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 %	6 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: 14

08/31/2022 Reported: 09/02/2022

Project Name: ZIRCON FLOWLINE Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sampling Date: 08/30/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: FL 20 @ 3.5' (H224006-06)

Received:

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-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	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.4	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/31/2022 Sampling Date: 08/30/2022

Reported: 09/02/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 21 @ 2.5' (H224006-07)

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	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	< 0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	69.9-14	0						
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	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	6 46.3-17	8						

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08/30/2022

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/31/2022 Sampling Date:

Reported: 09/02/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 22 @ 2' (H224006-08)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.7	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/31/2022 Sampling Date: 08/30/2022

Reported: 09/02/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 23 @ 5' (H224006-09)

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	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	75.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.9	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/31/2022 Sampling Date: 08/31/2022

Reported: 09/02/2022 Sampling Type: Soil ZIRCON FLOWLINE

Project Name: Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 24 @ 5' (H224006-10)

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	09/01/2022	ND	1.69	84.4	2.00	11.4	
Toluene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	9.67	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.03	101	2.00	10.2	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.28	105	6.00	10.8	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
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	09/01/2022	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	09/01/2022	ND	201	101	200	3.58	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	221	110	200	0.661	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 46.3-17	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Routine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name:						BILL TO						ANALYSIS REQUEST
Project Manager	: Lance Creashaw				P.O. 1							
	W Martand				Comp	any /	Tembou	110				
City: Hobbs	State: NM	Zip: 882	240		Attn:	Cons	01	4				
Phone #: (575) 264-9884 Fax #:				Addre	40	Ol Buring	Ck Am				
Project#: \\ (72 Project Owne	r. Ca			Address: 4901 Buriness fek And							
Project Name: 7	i Fl le	COAA	E./		State: NM Zip: 88240					N N	100	
Project Location	:Mewbourne Oil Comp.				Phone #:			rid	016	802		
Sampler Name:	Eric Mojica	n.y			Fax #:			Chloride	TPH (8015M)	BTEX (8021B)		
FOR LAB USE ONLY	ELIE MOJICA		N	ATRIX	PRESERV. SAMPLING				0	T	BTE	
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP.	GROUNDWATER	SOIL	OTHER:	ICE / COOL	DATE	TIME				
1	F1 14e2	CI		1		J	8-30-22		V	V	V	
2	FL 15-21/2	CI		1		1			V	1	V	
3	FL 16°2'	CI		1		1	1		1	/	1	
U	FL 18e2	CI		1		1			1	V	1	
5	FL 1906"	CI		1		V			V	V	1	
6	FL 20031/2	CI		1		1			1	V	1	
7	FL 21 e 21/2	CI		1		1	1		1	V	1	
8	FL 22e2	CI		1		1			V	1	1	
9	FL 23.5	CI		/		1			1	V		
10	FL 2405'	CI		1		1	8-31-22		1	1	V	
matypes. All claims including	Dennages. Cardinal's fishility and client's exclusive remody for a finance of the property of the cause whethous over shall be disable for incidental or consequential damages, including out of or reliable to the performence of senious hereumetry by the consequential damages, including out of or reliable to the performence of senious hereumetry by the consequential damages, including out of or reliable to the performence of senious hereumetry by the consequence of senious hereumetry b	deemed waive	ed By:	do in writing a	and received t	or loss of	within 30 days of	or completion of 0	ne applicat ries, so. Stalt:	Ye		
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Time: #/62 #/62 #/62 #/62 #/62 #/62 #/62 #/62 #/62 #/62 #/62 #/62			Intact	(fritials)				oppy of CoC to pm@etechenv.com.				

FORM-006 Revision 1.0 Released to Imaging: 1/19/2023 1:55:23 PM

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



September 09, 2022

LANCE CRENSHAW
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: ZIRCON FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 09/02/22 15:39.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



08/31/2022

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 25 @ 2' (H224053-01)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.5	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/02/2022 Sampling Date: 08/31/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 26 @ 2' (H224053-02)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.6	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 09/02/2022
 Sampling Date:
 08/31/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 27 @ 2' (H224053-03)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.6	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 09/02/2022
 Sampling Date:
 09/01/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: NW 2 (H224053-04)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 09/02/2022
 Sampling Date:
 09/01/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: NW 3 (H224053-05)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	71.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.4	% 46.3-17	<i>'</i> 8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/02/2022

 Received:
 09/02/2022
 Sampling Date:
 09/01/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact

Project Number: 16072 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

ma/ka

Sample ID: NW 4 (H224053-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.0	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 09/02/2022
 Sampling Date:
 09/01/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: NW 5 (H224053-07)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	85.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.3	% 46.3-17	78						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/02/2022 Sampling Date: 09/01/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Project Number: 16072 Sample Received By: Shalyn Rodriguez

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: EW 1 (H224053-08)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.2	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/02/2022 Sampling Date: 09/01/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: WW 2 (H224053-09)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.8	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/02/2022 Sampling Date: 09/01/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact

Project Number: Sample Received By: 16072 Shalyn Rodriguez MEWBOURNE - RURAL EDDY CO

Sample ID: WW 3 (H224053-10)

Project Location:

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.2	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 09/02/2022
 Sampling Date:
 09/01/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 36 @ 2' (H224053-11)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.7	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/02/2022 Sampling Date: 09/01/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 37 @ 2' (H224053-12)

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	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.2	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/02/2022 Sampling Date: 09/01/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - RURAL EDDY CO

mg/kg

Sample ID: FL 38 @ 2' (H224053-13)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	90.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.4	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyzod By: 14

Received: 09/02/2022

Reported: 09/09/2022

Project Name: ZIRCON FLOWLINE
Project Number: 16072

Project Location: MEWBOURNE - RURAL EDDY CO

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FL 39 @ 6" (H224053-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	195	97.6	200	2.17	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.7	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	87.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 40 @ 6" (H224053-15)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.94	96.9	2.00	1.47	
Toluene*	<0.050	0.050	09/08/2022	ND	1.93	96.4	2.00	0.694	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	0.0946	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.92	98.7	6.00	0.784	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	174	86.8	200	7.63	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	177	88.3	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 41 @ 6" (H224053-16)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.83	91.4	2.00	2.89	QM-07, QR-03
Toluene*	<0.050	0.050	09/08/2022	ND	2.05	102	2.00	7.52	QR-03
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.03	101	2.00	9.47	QR-03
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.24	104	6.00	9.87	QR-03
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	174	86.8	200	7.63	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	177	88.3	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.7	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 42 @ 6" (H224053-17)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.83	91.4	2.00	2.89	
Toluene*	<0.050	0.050	09/08/2022	ND	2.05	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.03	101	2.00	9.47	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.24	104	6.00	9.87	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	174	86.8	200	7.63	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	177	88.3	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 43 @ 6" (H224053-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.83	91.4	2.00	2.89	
Toluene*	<0.050	0.050	09/08/2022	ND	2.05	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.03	101	2.00	9.47	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.24	104	6.00	9.87	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-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	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	174	86.8	200	7.63	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	177	88.3	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	86.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 44 @ 6" (H224053-19)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.83	91.4	2.00	2.89	
Toluene*	<0.050	0.050	09/08/2022	ND	2.05	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.03	101	2.00	9.47	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.24	104	6.00	9.87	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	174	86.8	200	7.63	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	177	88.3	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Reported: 09/09/2022 Sampling Type: Soil
Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact

Project Number: 16072 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 45 @ 6" (H224053-20)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.83	91.4	2.00	2.89	
Toluene*	<0.050	0.050	09/08/2022	ND	2.05	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.03	101	2.00	9.47	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.24	104	6.00	9.87	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	174	86.8	200	7.63	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	177	88.3	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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Celey D. Keene



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.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

RDINAL LABORATORIES

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

Company Name	: Etech Environment	al & Safety Solut	tions,	Inc.					8	ILL	TO					A	NALY	SIS	REQL	JEST			
Project Manage	r. Lance Cren	wahr						P.O.	#:									T					
Address: 261	7 W Marland							Com	pany /	Me	whou	ne											
City: Hobbs		State: NM	Zip:	882	40	•		Attn: Conner								1							
Phone #: (57!	5) 264-9884	Fax #:						Addr	ess: 4	9018	winas !	k Blod											
Project #: \ \ 0	172	Project Owner	r:Co	2 4 4	2 (City:	Hobb	5													
Project Name: Z	Flow !:	46		1.1/1.				State	NM	Ziı	n: 98%	240		(N)	18								
Project Location	n: Mewbourne C)i) Compen						Phor			2 %		pro	301	802	1							1
Sampler Name:	m: Mewbourne C Eric Mojica	- Contract						Fax i	l:				Chloride	TPH (8015M)	BTEX (8021B)								
FOR LAB USE ONLY	1					MATR	IX	P	RESER	V.	SAMPLIN	NG .		1	18	1							
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP	* CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / 999t-	טוחקא.	DATE	TIME											
	FL a Se 2'		C	1		1			1	8.	31-22		1	V	1								
23	FT Spe J.		C	1		1			1	K			V	1	V			-	-				
3	FL27e2'		C	1		V			1	L	1		1	1	1	_				-		-	
4	NWA		C	1		1	1	1	1	19	1.22		1	1	/	-		1		-	-	-	-
5	NW3		C	1	-	V	11	-	1	K			1	1	1	-	-	+	-	+	-	-	-
6	NW4		C	11		V	-	+	1	-	>		V	1	/	-	-	-	-	+	-	+-	+
7	MMS		C	!		V		+	V	K			V	1	V	-	-	+	+	+	-	-	+-
8	EWI		C	11	+	V	++	+	V	1			V	V	V	-	-	+	+	+	-	+-	+
9	WWa		-	11	-	1	+-	-	1	K			1	V	1	-	-	+	+	+	-	-	+
LEASE MOTE: Liability and	M M J of Damages, Cardinal's fiebility and clien	nt's cuclusive remedy for a	C ny claim	arising	whether be	need in c	owiract o	r fort, sh	all be limbs	d to the	amount paid	by the client for	V	V	V								
analyses. All claims includin	ng those for negligence and any other consequently be liable for incidental or consequently	sume whatsoever shall be	deemed	weired	uniens am	do in wi	the and	received	by Cardina	d within i	30 days after	completion of th	и арріісаі	ble									
Relinquished By Relinquished By	ag out of or related to the performence of	Date: 1539 Date:	Rec	regardi	ed By:	liter suci	h claim is	based u	upon any of	the abo	ve shtini roa	Phone Res Fax Resul REMARKS	e. sult: t:	☐ Ye			dd'i Pho dd'i Fax						
Delivered By: Sampler - UPS	(Circle One) 4 - Oi - Bus - Other:	Time:) C-O. U.Z 4.0: #1	1/3			Best	onditionact Yes No	-	CHEC	KED	BY:	Please e	mail r	esults	and co	ppy of	CoC to	pm@	etech	env.c	om.		
FORM-00 Revision	06							_	nanges	. Ple	ase fax	written c	hange	es to s	75-393	2476							

RDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions, Inc.										BI	LL TO		ANALYSIS REQUEST											
Project Manager	Lance Crensh	aw						P.O.													T			
	7 W Marland							Company Mewboulle																
City: Hobbs		State: NM	Zip: 8	8824	10			Attn	. Co	Anc	/	11								1				
Phone #: (575) 264-9884	Fax #:						Add	ress	480	Business	P. L. P. J.							1					
Project #: 160	72	Project Owne	r:Ca					City	· H	bb-	7	11.0	1						1					
Project Name: 7	Tiecon Flant	. 0	20%	ACC				Stat	p- N	M	Zip: 88	240	1.	E	18									
Project Location	Eric Mojica	C. NM							ne #		200	10	Chloride	TPH (8015M)	BTEX (8021B)				1					
Sampler Name:	Fris Maiich	-01/1/1			trought of the world do			Fax		-			苦	H	EX									
FOR LAB USE ONLY	Cheriotien			T		MATE	XIX	_	_	ERV.	SAMPLI	NG	1	7	BT									
Lab I.D.	Sample I.I	D.	(G)RAB OR (C)OMP	# CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME												
	FL36-2'		C	1		1			1		9-1-22		1	1	1									
	FL 3702		C	1		1			1	-			1	1	1									1
13	FL3802		C	1		1			1				V	1	1				-	-	-			1
14 15	FL 3908		C	1	-	1	-		1		9.2.22		1	1	/		-	-	-	-	-			1
	ET 4009.		C	1		1	-		1				1V	1	1		-	-	-	-	-	-		+
10	FL 41e6"		C	11	-	1	+-		1		>		V	V	1		-	-	-	+	-	-		+
17	FL 42eb" FL 43eb"		C	11	-	1	-		V			-	V	V	V		-	-	-	+	-	-	-	+
18	F1 44e2"		C	11	+	1	+	-	1	-			V	V	1		-	-	-	+-	+-	-		+
19	FL 4406		C	11	-	1	+	+	V	,-		-	1	1	1		-	-	-	+	-		-	+
LEASE NOTE: Linkilly and	Damages, Cardinal's lieblity and client	I's exclusive remedy for	C Iny claim s	rising v	shether t	V esect in	contract	or fort	half be	Smithed to	o the amount per	by the client to	T Sto	1	1				_					1
	g three for negligence and any other ca refinal by fiable for incidental or consequ	une whatsoover shall be	deemed v	valved t	unfass re	radio in w	riting arr	d receive	nd by Co					ble										
	g out of or related to the performance of		Rec	eive		eller se	ch claim	is based	upon a	any of the		Phone Re Fax Resu REMARK	nsult: /lt:	□ Ye		No No		Phone Fax #:	4					
Delivered By:	(Circle One) 4.0	1)c-0.6	2		Sam	ple Col In	onditi tact	ion	5	HECK	ED BY:	Please (email r	esult	and o	ору с	of Col	C to p	m@e	teche	nv.com	n.		

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



September 09, 2022

LANCE CRENSHAW
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: ZIRCON FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 09/06/22 15:46.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

09/06/2022

09/09/2022

ZIRCON FLOWLINE

Project Number: 16072

Project Location: MEWBOURNE - RURAL EDDY CO Sampling Date: 09/06/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: EW 2 (H224070-01)

Received:

Reported:

Project Name:

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	310	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	116	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 28 @ 2' (H224070-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	173	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	39.2	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.4	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 29 @ 2' (H224070-03)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.8	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Shalyn Rodriguez

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 30 @ 2' (H224070-04)

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	09/07/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	< 0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	145	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	30.8	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	95.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	6 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 31 @ 2' (H224070-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	96.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.2	% 46.3-17	78						

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09/06/2022

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/06/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 32 @ 2' (H224070-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	31.2	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	<i>'8</i>						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 33 @ 1.5' (H224070-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	81.0	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	11.5	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	142	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	153	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 34 @ 1.5' (H224070-08)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	27.3	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.8	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 35 @ 2' (H224070-09)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.0	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil
Project Name: ZIRCON FLOWLINE Sampling Condition: Cool

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - RURAL EDDY CO

mg/kg

Sample ID: FL 46 @ 6" (H224070-10)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.1	% 46.3-17	8						

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09/06/2022

Shalyn Rodriguez

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Sampling Date:

Received: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By:

MEWBOURNE - RURAL EDDY CO Project Location:

16072

Sample ID: FL 47 @ 6" (H224070-11)

Project Number:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	194	97.2	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	207	104	200	0.560	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	89.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.6	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 09/06/2022
 Sampling Date:
 09/06/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 48 @ 1.5' (H224070-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	79.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.4	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 49 @ 1.5' (H224070-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	74.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.3	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Shalyn Rodriguez

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 50 @ 1.5' (H224070-14)

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	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 %	69.9-14	0						
Chloride, SM4500CI-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	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	78.7 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.6	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 51 @ 6" (H224070-15)

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	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	73.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.3	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 52 @ 6" (H224070-16)

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	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500CI-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	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	45.6	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	70.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.8	% 46.3-17	8						

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09/06/2022

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/06/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 53 @ 6" (H224070-17)

RTFY 8021R

BIEX 8021B	mg	/ kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
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	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	70.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.7	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/06/2022 Sampling Date: 09/06/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 54 @ 6" (H224070-18)

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	09/08/2022	ND	1.85	92.7	2.00	2.33	
Toluene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.10	105	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.52	109	6.00	11.3	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
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	09/08/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	13.2	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	77.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.5	% 46.3-17	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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101 East Marland, Hobbs, NM 88240

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	Routine	CHAIN-OF-CUSTODY AND ANALY
NAL LABORATORIES	(0 0 1 1 1	

	(575) 393-2326 FA	X (575) 393-24	76																				,		~	
Company Name:	Etech Environmenta	al & Safety Solution	ons,	, inc						A	8/1	LTO						Al	VAL	YSIS	SRI	EQUE	ST			
Project Manager	Lance Cre	nshaw						P	.0. 1	ļ:						T								T	T	
Address: 2617								C	omp	апу	1	lewhe	VINE	1												
City: Hobbs		State: NW	Zip:	882	240			A	ttn:	Ca	20	PI						1								
Phone #: (575		Fax #:						A	ddre	\$5:	480	Buise	, PikBly				1									
Project #:	072	Project Owner:	0	200	200			c	ity:	4	44	1	20 1112 4	1												
Project Name: 7	iccon Flowl	46		2,111	16/			S	tate:	NA	4	Zip: 87	240		N N	0										
Project Location	Rucal Eddy	Canata						_	hone				7	문	01	00										1
Sampler Name:	Rural Eddy of Eric Mojica	- OVAI 7							ax #:					Chloride	TPH (8015M)	STEV (9034B)	5									
FOR LAB USE ONLY	71-71051-1					MA	TRIX		-		RV.	SAMPL	ING		F	-	3		1							
Lab I.D. H224070	Sample I.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL.	SLUDGE	ACID/BASE:	CE / 000F	OTHER:	DATE	TIME													
	EWa		C	1		1			T	J		9-6-22		1	1	1	1								T	
2	FL 2802'		C	1		1				V		/		1	1	1	/									
23	F129e2'		C	1		1				1				1	V	1										
4	FT3065,		C	1		1				1		/		1	1	V	/									
5	FT3105,		C	1		V				1				1	1											
9	FL 32e2'		C	1		1				1		/		V	1	V										
	FL33e1/2		C	П		V				1				V	V	V	1									
8	FL34e1/2		C	1		1				1		/		1	1											
9	F13502.		C	1		1				1		>		1	V	V							1			-
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Delivered By: Sampler - UPS	(Circle One) 5. 4	i)c.0.69	12		C	ool Ye.	Inta		5		(Imitia	ED BY:	Please e	email r	esult	s an	d cor	y of	CoC	to pr	m@e	teche	nv.co	m.		

FORM-006 Revision 1.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 FA	X (575) 393-2	476																d	01 2	7		
Company Name	Manager: Lance Creashaw								8/	LLTO	1320				AN	ALYS	IS F	REQUI	EST				
Project Manage	r. Lance Cren	Shaw				-		P.O.	#:									T					
	7 W Marland							Com	pany	N	ewboi	1100	1										
City: Hobbs		State: NM	Zip	882	40			Attn	: C.	000	PC		1										
Phone #: (575	5) 264-9884	Fax #:						Add	ress:	481	11 R	nP, kBL	1										
Project #: (172	Project Owne	r: C	2.0	00			City	Ho	66	s	70) / 11 10	1										
Project Name:	Ticron Flow	lice		ZIFI				State	e-N	M	Zip: 88	200		N N	18								
Project Location	Zircon Flow ": Rural Eddy Eric Mojic	Court		-				1	ne #:			aru	Chloride	TPH (8015M)	BTEX (8021B)								
Sampler Name:	Esis Maire	Covary				-		Fax					美	E .	×								
FOR LAB USE ONLY	7.031					MATI	RIX	_	RESE	ERV.	SAMPL	NG	0	7	FE								
Lab I.D. <i>H</i> 284070	Sample I.	D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME											
11	FL47e6"		C	1		J			1		9-6-22		V	1	1								
19	FL 48e 1/2		C	1		1			1				1	V	1								
13	FT 76 1/3.		C	1		1			V				1	1	1			-					
14	FL 5001/2		C	П		V			1				1	1	1	-		1					
15	FT 2169.		C	Щ	-	1	-		1				/	1	1			+					
16	FL 52e6"		C	1	-	J	-		V				1	1	/	-	-	-	-	-	-		
17	FL 54el.		C	11	-	1	-	-	V	\vdash	\rightarrow		V	1	V	-	-	+	-	-		-	
18	FL 5466		С	Ш	-	1	-		1	\vdash			1	1	/	-	+	+	+-	-		-	
			+	H	+	+	+	-	+				-	-	-	-	+	+	+	-		-	
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FORM-006 Revision 1.0

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



September 13, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: ZIRCON FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 09/08/22 14:35.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 09/08/2022
 Sampling Date:
 09/08/2022

 Reported:
 09/13/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: WW4 (H224132-01)

BTEX 8021B	mg,	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	2.06	103	2.00	0.711	
Toluene*	<0.050	0.050	09/12/2022	ND	2.03	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	2.00	100	2.00	1.21	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	6.20	103	6.00	2.15	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 55 @ 6" (H224132-02)

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	09/12/2022	ND	2.06	103	2.00	0.711	
Toluene*	<0.050	0.050	09/12/2022	ND	2.03	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	2.00	100	2.00	1.21	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	6.20	103	6.00	2.15	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-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	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.6	% 46.3-17	8						

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Celey D. Keene



09/08/2022

Cool & Intact

Tamara Oldaker

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Sampling Date:

Sampling Condition:

Sample Received By:

Received: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE
Project Number: 16072

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 56 @ 6" (H224132-03)

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	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	69.9-14	0						
Chloride, SM4500CI-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	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.5	% 46.3-17	'8						

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Celey D. Keene



09/08/2022

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date:

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Tamara Oldaker

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 57 @ 6" (H224132-04)

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	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	< 0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	69.9-14	0						
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	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.5	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil Project Name: ZIRCON FLOWLINE Sampling Condition:

Cool & Intact Sample Received By: Project Number: 16072 Tamara Oldaker

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 58 @ 6" (H224132-05)

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	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	87.7 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.9	% 46.3-17	8						

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Celey D. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil
Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact

Project Number: 16072

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 59 @ 6" (H224132-06)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	99.2	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	36.1	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 60 @ 6" (H224132-07)

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	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.7	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyzod By: 1H /

09/08/2022 09/13/2022 Sampling Date:

09/08/2022

Reported: Project Name:

Received:

RTFY 8021R

09/13/2022 ZIRCON FLOWLINE Sampling Type:

Soil Cool & Intact

Project Number:

16072

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

MEWBOURNE - RURAL EDDY CO

Sample ID: FL 61 @ 6" (H224132-08)

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	31.5	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.7	% 46.3-17	8						

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Celey D. Kreine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: 1H /

Received: 09/08/2022

Sampling Date: 09/08/2022 Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact

Project Number: Sample Received By: 16072 Tamara Oldaker

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 62 @ 6" (H224132-09)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.3	% 46.3-17	<i>'</i> 8						
~									

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 63 @ 6" (H224132-10)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.4	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil
Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact

Project Number: 16072 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 64 @ 6" (H224132-11)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	20.5	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	84.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.6	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Tamara Oldaker

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 65 @ 6" (H224132-12)

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	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	201	101	200	2.15	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	214	107	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	92.3 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.0	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 66 @ 6" (H224132-13)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	71.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.4	% 46.3-17	8						

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09/08/2022

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Sampling Date:

Received: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Tamara Oldaker

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 67 @ 6" (H224132-14)

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	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	72.0 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.7 9	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 16072

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 68 @ 6" (H224132-15)

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	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	79.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.0	26 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil Project Name: ZIRCON FLOWLINE Sampling Condition: Coo

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 69 @ 1.5' (H224132-16)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-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	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	66.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.8	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 70 @ 1.5' (H224132-17)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit 0.050 0.050 0.050 0.150 0.300	Analyzed 09/12/2022 09/12/2022 09/12/2022 09/12/2022 09/12/2022	Method Blank ND ND ND ND ND ND ND	BS 1.97 1.96 1.91 5.97	% Recovery 98.3 98.0 95.6 99.5	True Value QC 2.00 2.00 2.00 6.00	RPD 0.291 0.350 0.431 0.479	Qualifier
<0.050 <0.050 <0.150 <0.300	0.050 0.050 0.150 0.300	09/12/2022 09/12/2022 09/12/2022	ND ND ND	1.96 1.91	98.0 95.6	2.00 2.00	0.350 0.431	
<0.050 <0.150 <0.300	0.050 0.150 0.300	09/12/2022	ND ND	1.91	95.6	2.00	0.431	
<0.150 <0.300	0.150 0.300	09/12/2022	ND					
<0.300	0.300			5.97	99.5	6.00	0.479	
		09/12/2022	ND					
112 9	% 60 0 ₋ 11							
	07.7-14	0						
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
176	16.0	09/13/2022	ND	448	112	400	0.00	
mg/	/kg	Analyze	d By: CK					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
<10.0	10.0	09/12/2022	ND					
73.0	% 45.3-16	1						
81.4	% 46.3-17	8						
	Result 176 Result <10.0 <10.0 <10.0	mg/kg Result Reporting Limit 176 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 45.3-16	mg/kg Analyzed Result Reporting Limit Analyzed Result Reporting Limit Analyzed <10.0	112 % 69.9-140 mg/ky Analyzed By: AC Result Reporting Limit 16.0 Analyzed Method Blank Tanalyzed By: CK Result Reporting Limit Analyzed Method Blank <10.0	112 % 69.9-140 mg/ky Analyzed By: AC Result Reporting Limit 16.0 09/13/2022 ND 448 mg/ky Analyzed By: CK Result Reporting Limit Analyzed Method Blank BS <10.0 10.0 09/12/2022 ND 239	112 % 69.9-140 mg/ky Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 176 16.0 09/13/2022 ND 448 112 mg/ky Analyzed By: CK Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0 10.0 09/12/2022 ND 239 119	112 % 69.9-140 mg/ky Analyzed By: AC Result Reporting Limit Analyzed Dy: CK Method Blank BS % Recovery True Value QC 176 16.0 09/13/2022 ND 448 112 400 mg/ky Analyzed By: CK Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0 10.0 09/12/2022 ND 239 119 200	112 % 69.9-140 mg/kg Analyzed By: AC Result Reporting Limit Analyzed 09/13/2022 ND 448 112 400 0.00 mg/kg Analyzed By: CK Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD <10.0 10.0 09/12/2022 ND 239 119 200 3.25

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022

09/13/2022

ZIRCON FLOWLINE

Project Name: ZIRCOI Project Number: 16072

Project Location: MEWBOURNE - RURAL EDDY CO

Sampling Date: 09/08/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FL 71 @ 1.5' (H224132-18)

Reported:

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	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.0	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 72 @ 1.5' (H224132-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.2	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil Project Name: ZIRCON FLOWLINE Sampling Condition: Coo

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 73 @ 1.5' (H224132-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 69.9-14	0						
Chloride, SM4500CI-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	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.9	% 46.3-17	8						

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Celey D. Keene



09/08/2022

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: 1H /

Received: 09/08/2022 Sampling Date:

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 74 @ 1.5' (H224132-21)

RTFY 8021R

Analyte Result Peopring Limit Analyzed People Peo	BIEX 8021B	mg/	/кд	Anaiyze	a By: JH/					
Toluene* < 0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 09/12/2022 ND 1.91 95.6 2.00 0.431 Total Xylenes* <0.150 0.150 09/12/2022 ND 5.97 99.5 6.00 0.479 Total BTEX <0.300 0.300 09/12/2022 ND Surrogate: 4-Bromofluorobenzene (PID 114 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 272 16.0 09/13/2022 ND 448 112 400 0.00 TH 8015M mg/ky Analyzed By: CK Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 09/12/2022 ND 239 119 200 3.25 DRO >C10-C28* <10.0 10.0 09/12/2022 ND 208 104 200 3.27 EXT DRO >C28-C36 <10.0 10.0 09/12/2022 ND Surrogate: 1-Chlorooctane 65.6 % 45.3-161	Benzene*	<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
Total Xylenes* <0.150 0.150 09/12/2022 ND 5.97 99.5 6.00 0.479 Total BTEX <0.300	Toluene*	<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
Total BTEX <0.300 0.300 09/12/2022 ND Surrogate: 4-Bromofluorobenzene (PID 114 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 272 16.0 09/13/2022 ND 448 112 400 0.00 TPH 8015M mg/ky Analyzed By: CK ND 448 112 400 0.00 GRO C6-C10* Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Ethylbenzene*	<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
Surrogate: 4-Bromofluorobenzene (PID 114 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 272 16.0 09/13/2022 ND 448 112 400 0.00 TPH 8015M mg/kg Analyzed By: CK Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 09/12/2022 ND 239 119 200 3.25	Total Xylenes*	<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 272 16.0 09/13/2022 ND 448 112 400 0.00 TPH 8015M mg/kg Analyzed By: CK Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Total BTEX	<0.300	0.300	09/12/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 272 16.0 09/13/2022 ND 448 112 400 0.00 TPH 8015M mg/kg Analyzed By: CK Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0 10.0 09/12/2022 ND 239 119 200 3.25 DRO >C10-C28* < 10.0 10.0 09/12/2022 ND 208 104 200 3.27 EXT DRO >C28-C36 < 10.0 10.0 09/12/2022 ND Surrogate: 1-Chlorooctane 65.6 % 45.3-161	Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride 272 16.0 09/13/2022 ND 448 112 400 0.00 TPH 8015M mg/kg Analyzed By: CK V CK CK <th< td=""><td>Chloride, SM4500CI-B</td><td>mg/</td><td>/kg</td><td>Analyze</td><td>d By: AC</td><td></td><td></td><td></td><td></td><td></td></th<>	Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
TPH 8015M mg/kg Analyzed By: CK Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 09/12/2022 ND 239 119 200 3.25 DRO >C10-C28* <10.0 10.0 09/12/2022 ND 208 104 200 3.27 EXT DRO >C28-C36 <10.0 10.0 09/12/2022 ND Surrogate: 1-Chlorooctane 65.6 % 45.3-161	Chloride	272	16.0	09/13/2022	ND	448	112	400	0.00	
GRO C6-C10* <10.0 10.0 09/12/2022 ND 239 119 200 3.25 DRO >C10-C28* <10.0 10.0 09/12/2022 ND 208 104 200 3.27 EXT DRO >C28-C36 <10.0 10.0 09/12/2022 ND Surrogate: 1-Chlorooctane 65.6% 45.3-161	TPH 8015M	mg/	/kg	Analyze	d By: CK					
DRO >C10-C28* < 10.0 10.0 09/12/2022 ND 208 104 200 3.27 EXT DRO >C28-C36 <10.0 10.0 09/12/2022 ND Surrogate: 1-Chlorooctane 65.6% 45.3-161	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36	GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
Surrogate: 1-Chlorooctane 65.6 % 45.3-161	DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
	EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctadecane 73.0 % 46.3-178	Surrogate: 1-Chlorooctane	65.6	% 45.3-16	1						
	Surrogate: 1-Chlorooctadecane	73.0	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: 1H /

Reported: 09/13/2022

Project Name: ZIRCON FLOWLINE
Project Number: 16072

Project Location: MEWBOURNE - RURAL EDDY CO

09/08/2022

Sampling Date: 09/08/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FL 75 @ 1.5' (H224132-22)

Received:

RTFY 8021R

ilig/	ку	Allalyze	и ву: эп/					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	09/12/2022	ND	1.97	98.3	2.00	0.291	
<0.050	0.050	09/12/2022	ND	1.96	98.0	2.00	0.350	
<0.050	0.050	09/12/2022	ND	1.91	95.6	2.00	0.431	
<0.150	0.150	09/12/2022	ND	5.97	99.5	6.00	0.479	
<0.300	0.300	09/12/2022	ND					
114 9	% 69.9-14	0						
mg,	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
320	16.0	09/13/2022	ND	448	112	400	0.00	
mg,	kg	Analyze	d By: CK					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
18.7	10.0	09/12/2022	ND	208	104	200	3.27	
<10.0	10.0	09/12/2022	ND					
83.2	% 45.3-16	1						
94.9	% 46.3-17	8						
	Result <0.050 <0.050 <0.050 <0.150 <0.300 1149 mg/ Result 320 mg/ Result <10.0 18.7 <10.0	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 114 % 69.9-14 mg/kg Result Reporting Limit 320 16.0 mg/kg Result Reporting Limit <10.0 10.0 18.7 10.0 <10.0 45.3-16	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery < 0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 16072 Tamara Oldaker

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: FL 76 @ 1.5' (H224132-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.98	99.1	2.00	0.208	
Toluene*	<0.050	0.050	09/12/2022	ND	2.21	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	2.15	107	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	6.66	111	6.00	3.55	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	71.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.6	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022 Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact Project Number: 16072 Sample Received By: Tamara Oldaker

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: SW 1 (H224132-24)

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	09/12/2022	ND	1.98	99.1	2.00	0.208	
Toluene*	<0.050	0.050	09/12/2022	ND	2.21	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	2.15	107	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	6.66	111	6.00	3.55	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
Chloride, SM4500CI-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	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	69.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.9	26 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

09/08/2022

Sampling Date:

09/08/2022

Reported: Project Name:

Received:

09/13/2022 ZIRCON FLOWLINE Sampling Type:

Soil Cool & Intact

Project Number:

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

16072

MEWBOURNE - RURAL EDDY CO

Sample ID: SW 2 (H224132-25)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.98	99.1	2.00	0.208	
Toluene*	<0.050	0.050	09/12/2022	ND	2.21	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	2.15	107	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	6.66	111	6.00	3.55	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
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	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	78.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.0	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022 Sampling Date: 09/08/2022

Reported: 09/13/2022 Sampling Type: Soil Project Name: ZIRCON FLOWLINE Sampling Condition:

Cool & Intact Tamara Oldaker Project Number: 16072 Sample Received By:

MEWBOURNE - RURAL EDDY CO Project Location:

Sample ID: SW 3 (H224132-26)

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	09/12/2022	ND	1.98	99.1	2.00	0.208	
Toluene*	<0.050	0.050	09/12/2022	ND	2.21	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	09/12/2022	ND	2.15	107	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	6.66	111	6.00	3.55	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-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	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	65.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.9	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/08/2022

09/13/2022

Project Name: ZIRCON FLOWLINE

Project Number: 16072

Project Location: MEWBOURNE - RURAL EDDY CO

Sampling Date: 09/08/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW 4 (H224132-27)

Reported:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2022	ND	1.98	99.1	2.00	0.208	
Toluene*	<0.050	0.050	09/12/2022	ND	2.21	111	2.00	1.85	
Ethylbenzene*	< 0.050	0.050	09/12/2022	ND	2.15	107	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2022	ND	6.66	111	6.00	3.55	
Total BTEX	<0.300	0.300	09/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/13/2022	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	239	119	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	208	104	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.5	% 46.3-17	78						

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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.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

Routine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1-+3

Company Name	Etech Environmenta	al & Safety Solu	tions	Inc.						1	BIL	LTO	4.9%					AN	ALYS	IS R	EQU	ST			
Project Manager	Lance Cien	shaw					-	P	.0. #:																
	W Marland							C	ompa	arry	M	ewbo	VIAC												
City: Hobbs		State: NM	Zip:	882	40									1							1				
Phone #: (575) 264-9884	Fax#:							ddras		LON	1 Buin	PLR	1.1											
		Project Owne		Mex	1000	LAR			ity:	1	11	DECA	אחןו ככי	1											
Project Name	7. FI 1		- 0	DAA	21			-	tey.	NI	W -	Zip: 88.	241	1.	E	1 m									
Project Location	Rural Eddy Eric Mojica	110							hone		1 4	CHU. DO	770	Chioride	TPH (8015M)	ATEX (A024R)									
Sampler Name:	Love Eddy	LOVATY					-	-	ax#:	#.				울	00	X									
FOR LAB USE ONLY	Erichlogica	-			_	MA	TRIX	_	PRE	SE	RV	SAMPL	NG	10	1	F									
, 5, 50 05, 5, 6,			<u>a</u>		T	T								1		1									
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP	CONTAINERS	GROUNDWATER	SOIL		UDGE	ACID/BASE:	E/600F	OTHER:														
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7	FT 280%.		C	+	+	-		-		1	+			1	1	1	,	-	+	+	+	+			-
3	FL 5906"		C	+	+	1	-	-		1	1	\rightarrow		1	1	+	+	+	+	+	+	1			
9	E1 / 26/		C	+	-	1	\vdash	-		1	-	\leftarrow		1	1	1	+	+	+	+	-				-
8	E1 /10/		C	H	+	J		+		1	+	\rightarrow		1	1	1	-	-	+	+	+	1			+
9	E1 / 20/"		C	1	+	1	-	+		1	-	\leftarrow	-	1	1	12	/	+	+	+	+	1			-
10	E113e4"		6	H	+	J	\vdash	+		1	+	\rightarrow		1/	1	+	/	+	+	+	-	-			-
	Damages. Cardinal's liability and clier														1	1					1				
service. In no event shell Ca	g those for negligence and any other co rdinal he liable for incidental or conseq	uental damages, including	without	Senior	on, best	inegs bet	етирба	erus, lones	of use, o	r fons	of pref	lik incurred by o	dent, in subuit	ieries,	able										
Relinquished By	g out of or related to the performance of	Of services hereusater by C	ardinal Re	regard	of A	whether	such c	laise is be	ased upo	n any	of the	above status re	Phone R	nico.	DY	04	□ No	Arie	1 Pho	ne #·	-				
Li Me	7	Date: 4-8-22 Time: 435 Date:		1	hi	1/13	11	ika		all all	5	1	Fax Res REMAR	ult:	OY		□ No		7 Fax						
Relinquished By		Date:	Re	ceiv	ed B	V:	1		000	1	7														
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Delivered By: Sampler - UPS	(0	/	03		C	wool Ves No	Intac	Yes	5	(CKE Initia	ED BY:	lease	CATHOLIN !	Coun	Jan		, 01 01	10	printer of	Citodic		••		

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Routine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 39 company Name: Etech Environmental & Safety		BILL TO	ANALYSIS REQUEST
Project Manager: Lance Crenshaw		P.O. #:	
address: 2617 W Marland		Company Mewboulas	
ity: Hobbs State: NIV	Zip: 88240	Attn: Conner	
thone #: (575) 264-9884 Fax #:		Address: 480 Bussinesslik Blad	
roject#: 16072 Project Or	mer: Me w bourse	City: Hobbs	
voject Name: 7:	1 15 04 04 04 VO	State: NM Zip: 88240	1 () () () () () () () () () (
roject Name: Ziccon Flowline roject Location: Rural Eddy County		Phone #:	Chloride (2015M) TPH (8015M) TEX (8021B)
ampler Name: Eric Mojica		Fax #:	Chic Chic
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL		
11 FL 6406	CII	1 9.8.22	111
12 F L 65e6	CII		
13 FL 6606	CIIV	1	
15 FT 9809.	CIII		
16 F L 690 6	CIJ	H / K	
7 F. 70e 1/2	CIII		
18 FL 71011/2	CII		
19 FL72011/2	CIIV	1	111
20 FL73011/2	CIIV	1	111
		t or tort, shall be limited to the amount paid by the client for its received by Cardinal within 30 days after completion of	
	luding without limitation, business interrupitors,	tens of use, or four of profile incurred by client, its subsitti	lerius,
elinquished By: Date: 9-8-1 Time: 435 Date: Time: Time:		Clady Phone R. Fax Resu	esult:
Delivered By: (Circle One)	Sample Condition of Cool Intact	ion CHECKED BY: (Initials)	email results and copy of CoC to pm@etechenv.com.
	Cardinal cannot accept ve	rbal changes. Please fax written	changes to 575-393-2476
Revision 1.0			

Routine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3.+3

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

Company Name										81	LLTO						AN	ALYS	SIS I	REQI	JEST		
Project Manage	r. Lance Crenshaw							.0. #								T		T	T				
	7 W Marland			Parameter State of St			C	omp	any	M	ewbou	10											
City: Hobbs	State: NM	Zip	: 88	240			A	ttn:	Co	24/	iec									1			
Phone #: (57	5) 264-9884 Fax #:						A	ddre	SS:	URI	1 Bussia	w Pet Blad											
Project #: 6	072 Project Own	er: N	0	.60	u t A	2	c	ity:	4.1	14,		of exercise.											
Project Name:	Tires Flanting		C	700	111		S	tate:	NA	4	Zip: 88	run		N	18					1			
Project Locatio	miR. MANA FALL Com	4.				-		hone				10	ē	0	802								
Sampler Name:	Zircon Florline Mi Rural Mark Eddy Com Eric Mojica	14					-	ax #:					Chloride	TPH (8015M)	BTEX (8021B)								
FOR CAB USE ONLY	Criefie)(Ch	T			14/	ATRIX	P	_		RV.	SAMPL	NG	1	4	BTE								
Lab I.D. H224132	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE /688F	OTHER:	DATE	TIME											
21	F174e1/2	C	1		1				1		9-8-22		1	1	1								
77	F175e1/2	C	1		1				J				1	1	1								
73	FL76011/2	C	1		1				1				V	1	1								
24	SWI	C	1		1				1			-	V	1	1								
25	SWZ	C	1		1				1				1	1	1								
26	5 W 3	C	1		1				1				1	1	1								
27	SW4	C	1		1				1				1	1	1								
analyses, All claims includi service. In no event shall C	nd Damague. Cardinal's liability and client's eachusive remedy for the flower for negligence and any either cause whetherways shall be ardinal to liable for incidental or consequental damages, including out of or related to the performance of services increased by: Date: Time:	o deeme ng withou Cardinai	d wale d limite , regar	ad unles alion, ba	m rerade elevens à l'whethe	in willing ntorruption	and ret	of use, o	Card	dinal wi	thin 30 days afte	Phone Result REMARKS	o application, i.e. Stiff:	O Ye	S	J No □ No	Add	I Phor	# :				
	- Bus - Other:	00	3	C	lool	e Cont	2			(Imiti:	ED BY:	Please e	mail r	esults	and	cop	y of Co	C to	pm@	etech	env.c	om.	

FORM-006 Revision 1.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Received by OCD: 10/20/2022 12:23:49 PM



September 13, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: ZIRCON FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 09/12/22 16:08.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 09/12/2022
 Sampling Date:
 09/12/2022

 Reported:
 09/13/2022
 Sampling Type:
 Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: EW 2A (H224193-01)

TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	206	103	200	0.851	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	222	111	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	'8						

Sample ID: FL 28 @ 2.5' (H224193-02)

TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	206	103	200	0.851	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	222	111	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					
Surrogate: 1-Chlorooctane	89.2 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 %	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/12/2022 Sampling Date: 09/12/2022

Reported: 09/13/2022 Sampling Type: Soil

Project Name: ZIRCON FLOWLINE Sampling Condition: Cool & Intact
Project Number: 16072 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL EDDY CO

Sample ID: FL 30 @ 2.5' (H224193-03)

TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	206	103	200	0.851	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	222	111	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					
Surrogate: 1-Chlorooctane	92.8 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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Celeg D. Freene

Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	ompany Name: Etech Environmental & Safety Solutions, Inc.								В	ILL	TO					Al	VALYS	SIS R	EQUE	EST		
Project Manager	r. Lance Cre	ashaw						P.O.														
Address: 261	7 W Marland							Com	pany /	Me	whos	une										
City: Hobbs		State: NM	Zip:	3824	40			Attn	: Con	ne	1	240										
Phone #: (575	5) 264-9884	Fax #:						Add	ress: K	SOV B	Burney	P. 19 Blud										
Project#: 16	072	Project Owner	: C	20				City	Hol	65					_							1
Project Name:	Time Flow	1:00						Stat	e:NM	Zir	D: 88	240		5M)	21B							
Project Location	: Me whourse O	il Como	60 1	,				Pho	ne #:				Chioride	801	(80							
Sampler Name:	072 Zircon Flow! Menhourne O Eric Mojico		7					Fax	#:				등	TPH (8015M)	BTEX (8021B)							
FOR LAB USE ONLY)				-1-	MATR	X	F	RESER	٧.	SAMPLI	NG		=	B							
Lab I.D. H224193	Sample I.	D.	G)RAB OR (C)OMP	CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	ICE / 600k	OTHER.	DATE	TIME										
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Relinquished By		Date:	Rec	eive	d By					/		Please e	mail r	esults	and co	py of (CoC to	pm@e	teche	nv.com	ı.	
Delivered By: Sampler - UPS	(Circle One) - Bus - Other:	ic/4.3e	#1	13	Cor	Yes [tact_	_		KED	BY:											
FORM-00 Revision		† Ca	rdina	car	mot	accer	ot vei	ribal c	hanges	. Ple	ease fax	written o	hange	es to !	5 75-39 3-	2476						



September 16, 2022

LANCE CRENSHAW
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: ZIRCON FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 09/15/22 8:45.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Reported: 09/16/2022

Project Name: ZIRCON FLOWLINE

Project Number: 16072

Project Location: MEWBOURNE - RURAL EDDY CO

09/15/2022

Sampling Date: 09/13/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FL 59 @ 1' (H224260-01)

Received:

TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2022	ND	188	93.9	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/16/2022	ND	194	97.0	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/16/2022	ND					
Surrogate: 1-Chlorooctane	71.5	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	74.9	% 46.3-17	78						

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Celey D. Keene



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	mpany Name: Etech Environmental & Safety Solutions, Inc.										BI	LL TO						ANA	LYSIS	S RE	QUE	ST		
Project Manage	r: Lance Crenshaw								P.O.	#:														
Address: 261	7 West Marland								Com	pan	y	Mewbo	ume											
City: Hobbs		State: NM	Zip	88	240				Attn:			Connor Wa	liker											
Phone #: (57	5) 264-9884	Fax #:							Addr	ess	: 48	301 Busines	s Park Blvd											
Project #: 160	72	Project Owner	:	Me	wbo	ume			City:			Hobbs			_									
Project Name:	Zircon Flowline								State	e:	NM	Zip:	88240	9	TPH (8015M)	BTEX (8021B)								
Project Locatio	n: Rural Eddy County,	NM							Phor	ne #	:			Chloride	801	8								
Sampler Name:	Eric Mojica								Fax 1	#:				5	표	Ĕ								
FOR LAB USE ONLY						MA	TRI)	K	P	RES	ERV.	SAMPL	ING		F	8	ł							
Lab I.D. H224260	Sample I.	D.	G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	CE / COOL	OTHER:	DATE	TIME											
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PLEASE NOTE: Liability a	nd Damages. Cardinal's liability and clie	of's exclusive remedy for an	ry clair	n arisir	ng whet	her base	d in co	intract o	tort, sh	tall be	fining	to the amount pa	id by the client for	the						_	_			
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FORM-006 Revision 1.0

Received by OCD: 10/20/2022 12:23:49 PM

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

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

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

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

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

CONDITIONS

Action 152347

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	152347
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jharimon	None	1/19/2023